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The Journal

of the Michigan State Medical Society



Volume 54

September, 1955

Number 9



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Patron of Postgraduate Medical Education in Michigan
(See Page 1107)

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THE JOURNAL

of the Michigan State Medical Society

VOLUME 54

SEPTEMBER, 1955

NUMBER 9

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(1) Payne, R. W.; Shetlar, M. R.; Farr, C. H.; Hellbaum, A. A., and Ishmael, W. K.: J. Lab. & Clin. Med. 45:331, 1955. (2) Bunim, J. J.; Williams, R. R., and Black, R. L.: J. Chron. Dis. 7:168, 1955. (3) Holbrook, W. P.: M. Clin. North America 39:405, 1955.

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SEPTEMBER, 1955

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1031

You and Your Business

MICHIGAN ASSOCIATION OF BLOOD BANKS

The Michigan Association of Blood Banks was organized at a meeting in the Michigan State Medical Society headquarters in Lansing on June 18, 1955.

Members of the Blood Banks Committee of the Michigan State Medical Society and of a similar committee of the Michigan Pathological Society met to prepare a constitution and by-laws and to elect officers of the new Association. The preamble of the constitution, as adopted, reads:

"In order that useful and adequate service may be rendered to our communities, our hospitals, and those persons through the State of Michigan who need or will need whole blood or its derivatives, this Michigan Association of Blood Banks has been formed and this Constitution adopted for the uses and purposes herein set forth."

R. L. Mainwaring, M.D., of Allen Park, was elected President; E. R. Jennings, M.D., Detroit, was chosen as Vice President, and J. A. Kasper, M.D., Detroit, was made the first Secretary-Treasurer of the new Association. Otto Van der Velde, M.D., of Holland, was elected as representative of the Association to the Board of Directors of the North Central District Blood Bank Clearing House.

Present at the organizational meeting were: Viola G. Brekke, M.D., Highland Park; Alice Campbell, M.D., Albion; Charles F. Du Bois, Alma; Jo Erwin, Detroit; W. G. Gamble, M.D., Bay City; E. R. Jennings, M.D., Detroit; Mrs. Helen A. Jones, Midland; Joseph A. Kasper, M.D., Detroit; C. Allen Payne, M.D., Grand Rapids; R. E. Rice, M.D., Greenville; John F. Scully, Lansing; Otto Van der Velde, M.D., Holland; H. W. Wiley, M.D., Lansing; and Mrs. Norabelle T. Williams, Midland.

HIGHLIGHTS OF THE COUNCIL

Session of July 14-15-16, 1955

Ninety-seven (97) items were presented to The Council at its Midsummer Session at Mackinac Island. Items of chief importance were:

● **Report by K. H. Johnson, M.D., Lansing,** on June 17 meeting of State Advisory Committee on Polio Vaccine Distribution; also report of Michigan Health Commissioner A. E. Heustis, M.D., on June 16 meeting of Special Technical Committee on Immunization (copy sent to all MSMS members with Secretary's Letter No. 176 on July 1).

● **Committee Reports:** The following committee reports were presented—(a) Committee on Blood Banks, meeting of June 18; (b) Rheumatic Fever

Control Committee, June 22; (c) Geriatrics Committee, June 29; (d) Committee on Postgraduate Medical Education, June 30; (e) Maternal Health Committee, May 26.

● **Physicians' Conference on Gerontology,** to be held January, 1956: co-sponsorship was approved; MSMS will continue its program of paying the expenses of one delegate per component society to attend this conference, for the year 1956.

● **The Past Presidents' Club** was made a permanent Committee of The Council.

● **The Ninth Annual Fall Postgraduate Clinic** of the Michigan Academy of General Practice was given co-sponsorship by MSMS.

● **The grand award** of the American Trade Association Executives, for state associations, was won by the Michigan State Medical Society for its successful program of "Recruitment and Training of Medical Associates," according to report of Executive Director Wm. J. Burns. William Bromme, M.D., Council Chairman, was authorized to receive the ATAE award at its August 2 meeting at Mackinac Island.

● **The individual Councilors** were assigned to attend House of Delegates Reference Committee meetings, in order to advise the Committees on background material, of interest and value to the Reference Committees, as discussed by The Council and by its Executive Committee.

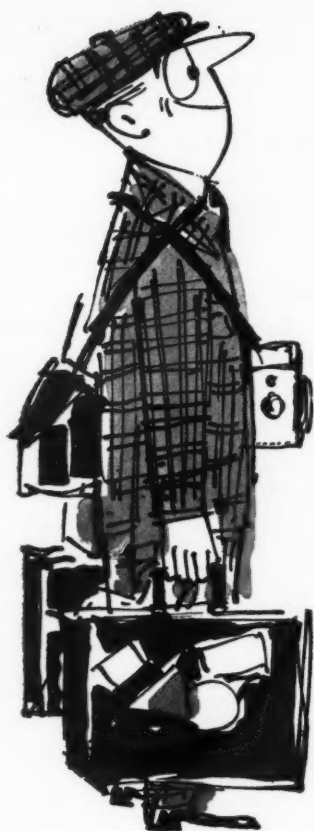
● **A special committee** was appointed to develop suggestions for the Special Committee on Review of the Joint Commission on Accreditation: J. E. Livesay, M.D., Flint, Chairman; J. S. DeTar, M.D., Milan; W. A. Hyland, M.D., Grand Rapids; R. W. Shook, M.D., Kalamazoo, and G. W. Slagle, M.D., Battle Creek.

● **President R. H. Baker, M.D.,** reported on the scheduled Upper Peninsula Medical Societies' good will tour, participated in by the President, the President-Elect, the Secretary, the two Councilors from the Upper Peninsula, and the Public Relations Counsel, running July 18 through July 22.

● **President-Elect W. S. Jones, M.D.,** reported appointment of personnel of the 27 MSMS Committees. He indicated he had appointed a vice-chairman to each committee, to assist in efficient administration. All committee appointments were confirmed by The Council.

● **Annual Session:** (a) Coleman Mopper, M.D., Detroit, was appointed Secretary of the Third Assembly (Thursday morning, Sept. 29) at the Grand Rapids Annual Session. (b) A caduceus on the Hospitality Booth, hand-turned and gold-leafed by Wm. M. LeFevre, M.D., Muskegon,

(Continued on Page 1034)



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HIGHLIGHTS OF THE COUNCIL

(Continued from Page 1032)

was received by the Michigan State Medical Society with a rising vote of thanks to Dr. LeFevre.

- **Annual reports of MSMS Committees** were accepted for publication in the Handbook for Delegates.

- **Tentative program of 1956 Michigan Clinical Institute** was presented by Wm. S. Reveno, M.D., Chairman of the Program Committee for next year's MCI in Detroit (March 7-8-9). L. W. Hull, M.D., Detroit, was appointed as Chairman of the 1956 MCI Committee on Arrangements. H. H. Cummings, M.D., Ann Arbor, and J. M. Wellman, M.D., Lansing, were appointed as members of the Committee.

- **Members of the Allegan County Medical Society** were commended for their interest and diligent activity in connection with the legal suit instigated by Wm. Kopprasch, M.D.

- **Legal Counsel's Opinion** on question as to whether a physician who attends a person during his last illness, but who has not actually seen the patient within 36 hours of his death, may properly sign the death certificate, was read and ordered published in JMSMS.

- **The Public Relations Counsel** presented progress report on legislation (H.B. 362—the County Hospital Bill); doctor draft legislation; compulsory disability insurance; once per month TV show over WKAR-TV (Michigan State University) for 1955-56; and plans for MSMS exhibit at Michigan State Fair.

- **The three standing committees of The Councils** (Finance, Publication, and County Societies) reported on meetings held July 15.

- **The Publication Committee** urged continued support of the American Medical Education Foundation and recommended that a quarter-page in JMSMS for display copy be made available to AMEF two or three times per annum.

- **Messrs. W. T. Coulter and J. Robert Bruce** of Bruce Publishing Company, St. Paul, attended the Publication Committee meeting and reported on printing conditions in the St. Paul-Minneapolis area.

- **Inquiry from the Kalamazoo Academy of Medicine** re emergency call service resulted in instruction to the MSMS Secretary that he write the Chairman of the Constitution and By-Laws Committee of the Kalamazoo Academy of Medicine that (1) MSMS has urged county medical societies to establish emergency call systems in the interest of better medical service and better public relations; (2) county medical societies are autonomous; (3) the Kalamazoo emergency call

system is not in conflict with the Constitution and By-laws of the Michigan State Medical Society; (4) questions be referred to the Kalamazoo Academy of Medicine through the procedure set up in the emergency call system regulations.

- **Beaumont Memorial.**—Arno B. Luckhardt, M.D., of Chicago offered to present to the Beaumont Memorial a birchbark canoe, circa 1820—the period of Dr. Beaumont. This generous gift of Dr. Luckhardt was accepted by The Council with sincere thanks.

- **The Annual Report of The Council** was approved for publication in THE JOURNAL and in the Handbook for Delegates.

- **New Michigan Medical Service \$6,000 family income service contract**—and adequate fee therefor: A resolution from the Executive Committee of Michigan Medical Service requesting consideration of this matter was presented to The Council. The MSMS President was authorized to appoint a committee to study the whole problem and report back with recommendations at the earliest possible moment.

R. L. Novy, M.D., President of Michigan Medical Service, presented detailed information on the thinking of Michigan Medical Service.

Committee personnel: L. W. Hull, M.D., Detroit, Chairman; E. B. Cudney, M.D., Pontiac; William L. Foster, M.D., Detroit; H. C. Hansen, M.D., Battle Creek; J. R. Heidenreich, M.D., Daggett; W. M. LeFevre, M.D., Muskegon; F. E. Luger, M.D., Saginaw; E. A. Osius, M.D., Detroit; C. A. Payne, M.D., Grand Rapids; G. B. Saltonstall, M.D., Charlevoix; Ralph W. Shook, M.D., Kalamazoo; W. S. Stinson, M.D., Bay City; C. K. Stroup, M.D., Flint; R. W. Teed, M.D., Ann Arbor; T. J. Trapasso, M.D., Sault Ste. Marie; J. M. Wellman, M.D., Lansing; H. B. Zemmer, M.D., Lapeer.

- **Death of Stuart A. Campbell**, Grand Rapids, MSMS Field Secretary. The sad news of Mr. Campbell's death on July 16, 1955, was reported to The Council. A letter of deep condolence was ordered sent to the family of Mr. Campbell, an employe who had given much of himself to the Michigan medical profession in the six years of his association with MSMS.

- **The annual joint meetings of MSMS Council** with Michigan Hospital Association Board's Executive Committee; with the Michigan Crippled Children Commission; and with the Executive Committee of Michigan Health Council were held, to discuss mutual plans and ambitions.

- **Thanks to Upjohn Company of Kalamazoo.**—A letter of thanks from The Council to Upjohn for sponsoring, via Michigan Health Council, the program to place doctors of medicine in communities which need them, was ordered dispatched.

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Heart Beats

PREVENTION OF RHEUMATIC FEVER AND BACTERIAL ENDOCARDITIS THROUGH CONTROL OF STREPTOCOCCAL INFECTIONS

Rheumatic fever is a recurrent disease which in most instances can be prevented. Since both the initial and recurrent attacks of the disease are precipitated by infections with beta hemolytic streptococci, prevention of rheumatic fever and rheumatic heart disease depends upon the control of streptococcal infections. This may be accomplished by (1) early and adequate treatment of streptococcal infections in all individuals and (2) prevention of streptococcal infections in rheumatic subjects.

Treatment of Streptococcal Infections in the General Population

In the general population about 3 per cent of untreated streptococcal infections are followed by rheumatic fever. Adequate and early penicillin treatment, however, will eliminate streptococci from the throat and prevent most attacks of rheumatic fever.

Diagnosis of Streptococcal Infection.—In many instances streptococcal infections can be recognized by their clinical manifestations. In some patients, however, it is difficult or impossible to determine the streptococcal nature of a respiratory infection without obtaining throat cultures. The following section on diagnosis has been included in order to reduce diagnostic errors and to assist physicians in avoiding unnecessary therapy.

The accurate recognition of individual streptococcal infections, their adequate treatment and the control of epidemics in the community presently offer the best means of preventing initial and recurrent rheumatic fever.

Treatment of Streptococcal Infection.—When streptococcal infection is suspected, treatment should be started immediately. Penicillin is the drug of choice. Effective blood levels should be maintained for a period of ten days to prevent rheumatic fever by eradicating the streptococci from the throat.

Penicillin may be administered by either intramuscular or oral route. Intramuscular administra-

This statement was first published in *Circulation*, Volume 11, February, 1955. It is a revision of the American Heart Association statement on the prevention of rheumatic fever issued in January, 1953.

Common Symptoms

Sore throat—sudden onset, pain on swallowing
Headache—common
Fever—variable, but generally from 104° F.
Abdominal pain—common, especially in children; less common in adults
Nausea and vomiting—common, especially in children

Common Signs

Red throat
Exudate—usually present
Glands—swollen, tender lymph nodes at angle of jaw
Rash—scarlatiniform
Acute otitis media*
Acute sinusitis*

*Frequently due to the streptococcus.

In the absence of the common symptoms and signs occurrence of any of the following symptoms is usually not associated with a streptococcal infection; simple coryza; hoarseness; cough.

Laboratory Findings

White blood count—generally over 12,000.
Throat culture—positive culture for hemolytic streptococci is almost always diagnostic.

tion is recommended as the method of choice since it insures adequate treatment. Oral therapy by contrast is dependent upon the co-operation of the patient. On the other hand, some physicians and patients prefer repeated oral medication and object to injections.

Recommended Treatment Schedules

Intramuscular Penicillin

Benzathine Penicillin G

Children—one intramuscular injection of 600,000 units.

Adults—one intramuscular injection of 600,000 to 900,000 units.

OR

Procaine penicillin with aluminum monostearate in oil.

Children—one intramuscular injection of 300,000 units every third day for three doses.

Adults—one intramuscular injection of 600,000 units every third day for three doses.

Oral Penicillin

Children and Adults—250,000 units three times a day for a full ten days.

To prevent rheumatic fever by eradicating streptococci, therapy must be continued for the entire ten days even though the temperature returns to normal and the patient is asymptomatic.

Other Medication.—It has not been established that the broad spectrum antibiotics are as effective as penicillin in preventing rheumatic fever. They should be used only if the patient is sensitive to

(Continued on Page 1040)

with little risk of serious side effects

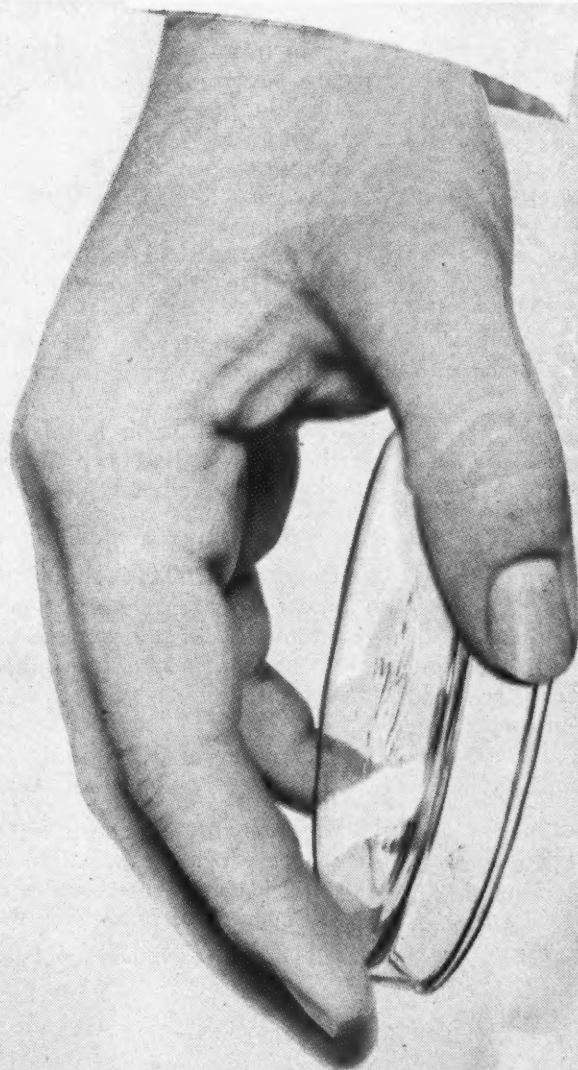
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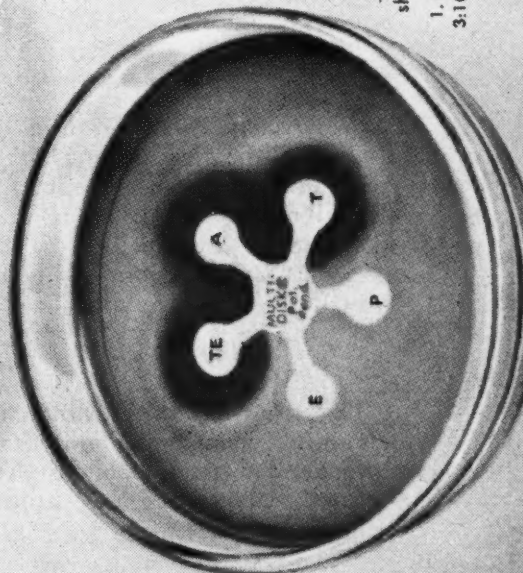


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This sensitivity test shows ERYTHROCIN and the same antibiotics against a typical intestinal strain of *E. coli*. Note that ERYTHROCIN and penicillin do not effect this gram-negative organism—although the other antibiotics show marked inhibitory action.

1. Eisenberg, et al., *Antib. & Chemo.*, 3:1026-1028, Oct., 1953.



PREVENTION OF RHEUMATIC FEVER

(Continued from Page 1036)

penicillin. As with penicillin, the regimen of full therapeutic dosage for a full ten days should be followed.

The following therapy is not effective in preventing rheumatic fever when used as treatment for streptococcal infections: sulfonamide drugs; penicillin troches or lozenges.

Prevention of Streptococcal Infections in Rheumatic Individuals

Many streptococcal infections occur without producing clinical manifestations. For this reason, prevention of recurrent rheumatic fever must depend on continuous prophylaxis rather than solely on treatment of acute attacks of streptococcal disease.

General Rules for Prophylaxis

Who should be treated?

All individuals who have a well-established history of a previous attack of rheumatic fever or chorea or who show definite evidence of rheumatic heart disease should be placed on continuous prophylaxis.

*When should prophylactic treatment be initiated?**Active rheumatic fever*

As soon as the diagnosis of rheumatic fever is made or any time thereafter when the patient is first seen. The streptococcus should be eradicated with penicillin (see Treatment Schedules) following which the prophylactic regimen is instituted.

Inactive rheumatic fever

In inactive rheumatic fever prophylaxis should be instituted when the patient is first seen.

How long should prophylaxis be continued?

Throughout life, or until new knowledge makes this recommendation invalid.

Should prophylaxis be continued during the summer?

Yes, continuously. Streptococcal infections can occur at any season although they are more prevalent in the winter.

What are the exceptions to continuous prophylaxis?

Uncertainty as to the validity of a history of a previous attack of rheumatic fever or chorea.

Heart disease of questionable etiology.

In rare circumstances where exposure of the adult patient to streptococcal infection is unlikely.

prophylaxis in the armed forces, this is rare in civilian populations.

Dosage—from 0.5 to 1.0 gm. taken each morning throughout the year. The smaller dose is to be used in children under sixty pounds.

Toxic reactions—Infrequent and usually minor. In any patient being given sulfonamides, consider all rashes and sore throats as possible toxic reactions especially if they occur in the first eight weeks. In patients on this prophylactic regimen it is hazardous to treat toxic reactions or intercurrent infections with sulfonamides.

Chief Toxic Reactions

Skin eruptions.—Morbilliform—continue drug with caution. Urticaria or scarlatiniform rash associated with sore throat or fever—discontinue drug.

Leukopenia.—Discontinue if white blood count falls below 4,000 and polynuclear neutrophils below 35% because of possible agranulocytosis which is often associated with sore throat and a rash. Because of these reactions, weekly white blood counts are advisable for the first two months of prophylaxis. The occurrence of agranulocytosis after eight weeks of continuous prophylaxis with sulfonamides is extremely rare.

Penicillin-Oral

Penicillin has the desirable characteristics of being bactericidal for hemolytic streptococci and of rarely producing serious toxic reactions. A careful history of allergic reactions and previous response to penicillin should be obtained.

Dosage—200,000 to 250,000 units once a day, before breakfast.

Toxic reactions—Urticaria and angioneurotic edema. Reactions similar to serum sickness—includes fever and joint pains and may be mistaken for rheumatic fever.

Although many individuals who have had reactions to penicillin may subsequently be able to tolerate the drug, it is safer not to use penicillin if the reaction has been severe and particularly if angioneurotic edema has occurred.

Benzathine Penicillin G Intramuscular

Dosage—1,200,000 units once a month.

Toxic reactions—same types as with oral penicillin but occur more frequently and tend to be more severe. Some local discomfort usually experienced.

Protection of Rheumatic Fever Patients in Hospital Wards

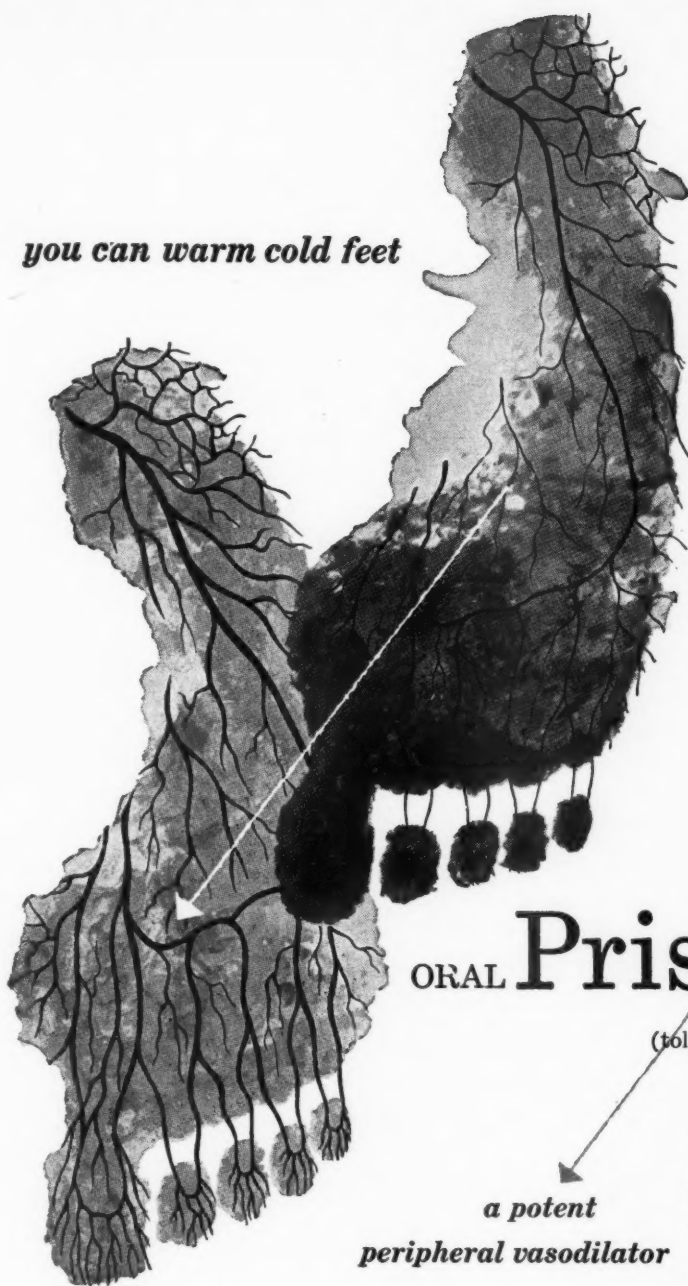
Patients with rheumatic fever or rheumatic heart disease are often exposed to increased hazards in hospital wards as the result of contact with streptococcal carriers or patients with active streptococcal

(Continued on Page 1042)

Sulfadiazine Oral

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PREVENTION OF RHEUMATIC FEVER

(Continued from Page 1040)

infections. Protection of the rheumatic patient is imperative because of the high rate of recurrence of rheumatic fever following streptococcal infection. In addition to the customary precautions employed to prevent cross infections, the following procedures are recommended:

All hospital patients with streptococcal infections should be fully treated by one of the methods outlined in "Recommended Treatment Schedules" (See page 1036) in order to eliminate streptococci and avoid the carrier state.

Patients admitted with acute rheumatic fever should immediately receive a full course of antibiotic therapy, whether or not streptococci are isolated from the throat. (See "Recommended Treatment Schedules.") As soon as the therapeutic course is completed, continuous streptococcal prophylaxis should be instituted. (See "Prophylactic Methods—Oral and Intramuscular.")

Patients with inactive rheumatic fever or rheumatic heart disease should be placed on continuous streptococcal prophylaxis on admission to the hospital or as soon thereafter as the diagnosis is established. (See "Prophylactic Methods—Oral and Intramuscular.")

Prophylaxis Against Bacterial Endocarditis

In individuals who have rheumatic or congenital heart disease, bacteria may lodge on the heart valves or other parts of the endocardium, producing bacterial endocarditis. Transient bacteremia which may lead to bacterial endocarditis is known to occur following various operative procedures including dental extractions and other dental manipulations which disturb the gums, the removal of tonsils and adenoids, the delivery of pregnant women, and operations on the gastrointestinal or urinary tracts. It is good medical and dental practice to protect patients with rheumatic or congenital heart disease by prophylactic measures.

Recommended Prophylactic Methods

Penicillin is the drug of choice for administration to patients with rheumatic or congenital heart disease undergoing dental manipulations, or operative procedures in the oral cavity.

Although the exact dosage and duration of therapy are somewhat empirical, there is some evidence that for effective therapeutic prophylaxis reasonably high concentrations of penicillin must be present at the time of the operative procedure. The dosage regimens employed for long-term prophylaxis of rheumatic fever are inadequate for this purpose. There is reason to believe that

continuous maintenance of penicillin in the blood over a period of several days will result in the death of those organisms which have lodged in the heart valve during the period of transient bacteremia.

Not only should penicillin prophylaxis be designed to afford maximum protection, but the method must also be practical. In general, the parenteral route of administration is preferred. All patients should be instructed to report to their physician or clinic should they develop a fever within a month following the operation.

Intramuscular Penicillin

Dosage—600,000 units of aqueous penicillin and 600,000 units of procaine penicillin in oil containing 2 per cent aluminum monostearate administered intramuscularly thirty minutes before the operative procedure.

Oral Penicillin

As an alternative, although considered less desirable, penicillin may be administered by the oral route.

Dosage—250,000 to 500,000 units one-half hour before each meal and at bedtime, beginning twenty-four hours prior to the operation and continuing for five days. At the time of the operative procedure it is advisable to give an additional 250,000 units.

Contraindications—Patients who give a history of sensitivity to penicillin.

Other Antibiotics

The broad spectrum antibiotics should be employed as prophylaxis in patients who are sensitive to penicillin or in those who are undergoing surgery of the urinary or lower gastrointestinal tract. Oxytetracycline, chlortetracycline, or erythromycin should be administered in full dosage for five days, beginning treatment the day prior to the surgical procedure.

Copies of the above statement are available, free of charge, from the Michigan Heart Association, Doctor's Building, 3919 John R., Detroit 1, Michigan.

COMMITTEE ON PREVENTION OF RHEUMATIC FEVER AND BACTERIAL ENDOCARDITIS

T. Duckett Jones, M.D., *Chairman**
Leona Baumgartner, M.D.
Majorie T. Bellows
Burtis B. Breese, M.D.
Ann G. Kuttner, M.D.
Maclyn McCarty, M.D.
Charles H. Rammelkamp, Jr., M.D.

*Deceased November 22, 1954.

(Continued on Page 1063)



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SEPTEMBER, 1955

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1043

AMA Washington Letter

THE MONTH IN WASHINGTON

Although very little health legislation actually was enacted in the first session of the 84th Congress, a number of important bills made enough progress to insure they will get serious consideration when the second session starts next January.

Foremost is a bill to amend the social security act, and, among other things provide OASI payments for disabled workers after age 50. The present provision (enacted in 1954) protects a disabled worker's pension so it is not decreased because of his years of unemployment, but payments don't begin until he reaches 65.

The new plan, sponsored by Democratic members of the House Ways and Means Committee, was rolled through the House after closed committee hearings. But when it got to the Senate, Chairman Harry Byrd of the Finance Committee held it up, saying it was too important to be reported out without the complete hearings he plans for next session.

The American Medical Association is flatly opposed to cash disability insurance. One important reason is the Association's conviction that federal machinery necessary to regulate disability examinations inevitably would project the government into the medical care field. There are many other reasons, including the relationship between cash payments for disability and the patient's interest in rehabilitation. The issue of disability pensions will be settled next year in the Byrd Committee or on the Senate floor.

A bill for \$90 million in grants for building and equipping non-federal research facilities passed the Senate, and is awaiting action in the House Interstate and Foreign Commerce Committee. Hearings have been held on a bill for U. S. grants to medical schools and on another (Jenkins-Keogh) to allow self-employed persons to defer income tax payments on part of their income put into annuities.

Other bills that will be ready for action in January include legislation to stimulate nursing education, improve the medical care of military dependents, authorize health insurance for government workers, authorize U. S. guarantee of mortgages on health facilities, and offer military medical scholarships. The administration's bill for re-insuring health insurance plans by now is a little shopworn, but it still might be pushed again next year.

President Eisenhower has made it known he

wants Congress to get to work on health legislation early next session. His urging might not be needed. Next year is a presidential election year, and both parties will exert themselves to enact, and take credit for, new health programs that carry public appeal.

Despite the hundreds of hours of hearings in Senate and House, not a single important permanent medical program was set up by Congress in the last session. A national mental health survey, supported by the AMA, was enacted, but the administration's plan for mental health grants will be up for action next year.

Ignoring protests of physicians and dentists, Congress extended the doctor draft act for another two years, after first adopting two amendments. It exempted all men over 45, and all 35 or older who previously had been rejected for medical commissions for physical reasons alone.

For almost four months Congressional committees pondered what to do about Salk poliomyelitis vaccine. At first there were two main questions: 1. How much money should Congress spend to buy vaccine for free shots, and who should get them? 2. How far should the federal government move into the picture to insure equitable allocation?

One of the proposals—this even got through the Senate—was to offer unlimited money to the states, which in turn could give free shots to any persons or group of persons, under age 20. President Eisenhower's idea—which he urged on Congress several times—was simply to insure that no person in need of the vaccine would go without it for financial reasons. Eventually his view prevailed and the states now are drawing on a \$30 million fund. This law expires next February 15.

As weeks passed, there was less and less enthusiasm for setting up a federal allocation system, which Secretary Hobby and Surgeon General Scheele repeatedly told Congress wasn't needed. Consequently, when the National Foundation announced it had all the vaccine it needed for its program, a voluntary allocation plan was put in effect. The plan has the support and co-operation of physicians, pharmacists, drug manufacturers, and the state health officers. The Department of Health, Education, and Welfare is the liaison between the pharmaceutical houses and the states, dividing the vaccine on the basis of the number of unvaccinated persons in the eligible age groups.

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Visceral Injury Resulting from Non-penetrating Abdominal Trauma

By Grover C. Penberthy, M.D., F.A.C.S., and Charles R. Reiners, M.D.

Detroit, Michigan

ABDOMINAL visceral injury resulting from blunt trauma is becoming more and more of a major problem in recent years due to the steadily rising accident toll on our highways. The incidence of such injuries is relatively small as compared to the over-all incidence of accidental injuries of other types. It is an extremely important phase of the problem, however, since it is so readily missed in the first examination of the patient. Other more obvious associated injuries often tend to divert the attention of the examiner from the abdominal injuries which often may be more important than the more easily recognized wounds.

These problems can tax the perception and judgment of the most astute clinician. Early recognition and proper surgical therapy usually will lead to complete recovery, while the cost of undue delay in institution of surgery is often the death of the patient. Many of these cases will seem to improve for a period of several hours following the injury. This has been called the "period of illusion."² Following this there are signs of shock or peritonitis which progress with varying rapidity for a time, and finally, if surgery is still withheld, there is a precipitous deterioration in the state of the patient. By this time the

diagnosis is usually evident, but the salvage rate of any type of treatment is depressingly low.

This is a problem which may confront any physician who sees and treats accident victims. It is important for every physician who treats trauma, even occasionally, to be constantly on the lookout for hidden abdominal injury, not only in the initial examination but during the later care and convalescence as well. In most of the recent reports on this subject, automobile accidents account for the majority of cases. It has become generally appreciated, however, that severe trauma is not necessarily a prerequisite. Serious intraabdominal injury may be sustained from relatively minor trauma such as a blow with a fist, falling against the edge of a table, or even having a piece of wood thrown against the abdomen by the blade of a mechanical saw. Many cases are documented in which the patient felt the injury was so trivial that he delayed many hours before seeking medical help.

It is important to emphasize at the outset that there is no laboratory examination or x-ray finding that can substitute for the frequent and painstaking evaluation by the alert clinician. The laboratory can in many cases suggest the diagnosis, but more often it is the hour-to-hour re-examination of the patient which first gives evidence that operation is required. Such frequent re-evaluation is necessary because of the rapidity with which these cases can progress to an advanced or terminal condition following the appearance of the full-blown clinical picture.

This is well demonstrated by the direct relationship between mortality and the time lapse between injury and operation in cases of small bowel perforation due to blunt trauma. In those cases operated on within the first six hours, the survival rate is 85 to 90 per cent. Within the first twelve

From the Departments of Surgery of Wayne University College of Medicine, Detroit Receiving Hospital, and Harper Hospital.

hours approximately 65 per cent can be saved and after twenty-four hours, only about 20 per cent will survive. In cases with massive hemorrhage resulting from rupture of the liver, spleen, kidney, or mesentery, the need for urgent surgical intervention is usually much more imperative. The frequently observed cases of delayed hemorrhage from the spleen carry a high mortality because the early improvement of the patient lulls the physician into a false sense of security. The patient may be discharged without any admonition concerning the urgent need for re-hospitalization in the event that abdominal pain, weakness or fainting recur. Cases have been reported where the asymptomatic period was six weeks or longer during which the patient felt completely well, only to be seized with sudden upper abdominal pain followed shortly by weakness and collapse. There is usually no injury or unusual physical activity immediately preceding the late episode. At operation or (all too frequently) at autopsy, the abdomen is found to be full of blood. The spleen contains an old and often partially organized hematoma in the supcapsular area which has broken through the thin and friable capsule to allow the second and infinitely more serious hemorrhage.

The solid organs, kidney, spleen and liver, are the most frequently injured in spite of their relatively well protected locations. Their fixed position makes them unable to elude a crushing force. The pancreas and duodenum likewise are injured more frequently than might be suspected since a blow in the epigastrium can crush them against the spinal column. The small bowel is injured most often near its two fixed points, the ligament of Treitz and the ileocecal valve. We have observed one case where the ileum tore at the point of an adhesion to the anterior abdominal wall resulting from an old appendectomy scar. In general the small bowel ruptures on its anti-mesenteric border, probably because this site is weaker or less well buttressed than the mesenteric side. The urinary bladder is particularly susceptible to injury when distended, but can be injured in the collapsed state when the pubic rami are fractured. The urethra is a frequent site of injury in pelvic fractures. In the male the site is generally in the membranous urethra and is due more often to a sudden shearing force applied to the urogenital diaphragm than to its being pierced by bony spicules.

One additional point to be stressed before embarking on a discussion of the more detailed diagnostic techniques is that one physician should make himself personally responsible for the frequent re-evaluation of the case.⁴ If a consultant is to be called in case operation is needed, then he should have the opportunity of seeing the case as soon as practicable and should personally follow it thereafter. If a case is followed by a succession of different members of the house staff, without the responsibility resting clearly on one person, then the subtle changes which would indicate early operation are likely to go unrecognized for a long period, often with disastrous results.

In the diagnosis of these cases the history is of more importance than might at first be presumed. The condition or state of the patient prior to injury may give a clue as to the site of injury. If the bladder was distended it is well to suspect that it might have been ruptured, especially if the injury was followed by a disappearance of the desire to void. If the patient has passed blood-free urine in the interval following the accident, it is presumptive evidence that the urinary tract has not been involved. If the patient was in the immediate post-prandial state, attention is directed to the upper gastrointestinal tract. Weakness or fainting following the injury suggests a hidden hemorrhage. It has been observed that a blow with a sharp object is more likely to injure the hollow viscera which presumably are impinged against the spinal column, pelvis or lumbar musculature. A broader or crushing type of injury more often affects the solid viscera, often with fracture of the lower rib cage. A blow in the flank can cause intra-abdominal and renal injury as well as can a blow in the abdomen.

The findings on physical examination vary so widely that considerable care must be exercised in their interpretation. On the one hand there is the picture of fully developed shock from intra-peritoneal bleeding. This syndrome warrants no further discussion since in the absence of visible blood loss the assumption must be either intra-thoracic or intra-abdominal hemorrhage. X-rays of the chest and abdomen can usually resolve this problem and can be made while the shock therapy is in progress and the patient being readied for operation since obviously haste is imperative.

If bleeding of lesser degree is suspected, blood pressure and pulse must be checked at frequent

intervals and the case followed with special vigilance. It is well to remember that free blood in the peritoneal cavity is not as irritating as spillage of bowel content, and consequently the tenderness may be minimal. The abdomen may have a doughy feel with the only tenderness localized to the area of the ruptured viscus. Diagnostic abdominal paracentesis with a 20-gauge spinal needle is often of great value in demonstrating free blood in the peritoneum and thereby obviating the delay and hazard of waiting for the degree of blood loss to become clinically obvious. We have found this procedure cautiously employed to be safe and quite helpful. Failure to recover blood on diagnostic tap does not mean that free blood is not present. Like so many other tests it is extremely valuable when positive, but a negative test means nothing.

In the evaluation of a doubtful case, the differentiation of tenderness due to injury of the abdominal wall can be quite confusing. In these cases, the tenderness is usually well localized and remains so, whereas the tenderness due to perforation of a hollow viscus tends to become generalized rather early. The absence of peristalsis is quite significant. If peristalsis is present on initial examination, it will often cease while the case is under observation.

The stomach should always be aspirated with a Levin tube early in the workup, and the tube is best left in place with suction until the diagnosis is established. This is helpful in several ways. It is important to know the nature of the gastric aspirate and whether it contains blood. It is therapeutic in cases of acute gastric distention which often occur following abdominal trauma, especially in children. This acute dilatation can be very deceptive and frequently mimics the tense, rigid, tender abdomen of advanced peritonitis, only to disappear completely following aspiration. Emptying the stomach in this fashion makes anesthesia safer and the surgery easier if the case eventually comes to operation. The continuous suction is also effective in preventing intestinal distention in case peritonitis develops, since most of the bowel gas in these cases is from swallowed air.

Investigation of the bladder and urethra should be made in all cases of fracture of the pubic rami. The presence of gross or microscopic blood in the urine must be determined. If the patient is

able to void normally, this is worth knowing as mentioned earlier. If not, and lower abdominal or flank injury has been sustained, then he must be catheterized. If catheterization cannot be accomplished, a tear of the urethra must be presumed. If the urine is bloody and renal injury is suspected, then an excretory pyelogram is helpful in demonstrating the degree of impairment of function. This is of great importance preoperatively since the presence of one functional kidney should be established before undertaking an operation which may result in nephrectomy. If, however, bladder injury is suspected, a cystogram is indicated. It is now felt that injection and recovery of a measured amount of water or saline into the bladder is not a reliable guide to perforation.¹ A cystogram can readily be made without undue disturbance of the patient and gives the best information as to the condition of the bladder as well as some guide as to the location of the rent, if one is present.

X-ray examinations of the chest and abdomen are among our most helpful diagnostic aids. The initial studies should include a flat film of the abdomen, and an upright chest. Occasionally an upright film of the abdomen is helpful. Special studies for bony detail of the ribs, spine, and pelvis can be made as indicated. If the condition of the patient does not permit an upright film of the chest, then a lateral decubitus film of the abdomen should be made. This study is usually quite adequate for the demonstration of free intraperitoneal air. Actually only a small percentage of cases will show free air, but the finding is so conclusive when present that it should always be looked for.

A great deal of information may be gained from good x-ray studies. Fractured ribs in the lower chest, particularly the lower three or four ribs, immediately raise the possibility of a ruptured liver or spleen. Rupture of the diaphragm with herniation of the abdominal viscera into the chest is not uncommon in severe crushing wounds of the lower chest and upper abdomen. This diagnosis can be made with certainty only by x-ray. The finding of air in the retroperitoneal tissues indicates rupture of the bowel in one of its retroperitoneal positions. This is most often seen with rupture of the second or third part of the duodenum, but could occur with rupture of the colon in one of the positions where it is retro-

peritoneal. The most common picture is one of a bubbly appearance in the region of the duodenum or head of the pancreas. If allowed to progress, this air can dissect extensively in the retroperitoneal area until it outlines the kidney, psoas muscle, and entire right flank as in a retroperitoneal air study. A possible source of confusion is from dissection of air from fractured ribs with injury to the lung. The subcutaneous emphysema in these cases should not be confusing if the initial x-rays are taken early before the air reaches the retroperitoneal areas.

Obliteration of the normal markings such as the psoas and renal shadows by a diffuse haze is indicative of peritoneal fluid which in these cases is usually blood. If a case is observed late, this obscuration of normal markings could be the result of edema of the bowel and peritoneal exudation due to peritonitis, but by this time the diagnosis of peritonitis is usually obvious clinically.

The presence of a large localized density may indicate a loculated hemorrhage. If this density occurs in the left upper quadrant displacing the stomach medially, it is presumptive evidence of rupture of the spleen, or subcapsular hematoma of the spleen. Rupture of a kidney will produce a unilateral extravasation of blood in the retroperitoneal area with resultant obliteration of markings in this area.

A point to be stressed is that a single negative x-ray study of the abdomen can never be construed as excluding the possibility that serious intra-abdominal injury may still be present.

In the workup of these patients it is important that shock therapy be started immediately if clinical shock is present. If impending shock is suspected, an intravenous injection is started and blood cross-matched at once. The diagnostic workup can be accomplished while the shock treatment is in progress and should not interfere with it. In the election of time of operation in the more desperate cases, it is the policy to oper-

ate just as soon as the state of shock is corrected. All efforts are directed toward accomplishing this as soon as possible. Blood and plasma expanders can be pumped under pressure into multiple veins simultaneously. If even with this aggressive shock therapy the patient does not improve, it is well to hazard exploration in the hope that the bleeding may be controlled.

In the case where the diagnosis is in doubt, even after x-rays and other diagnostic procedures, the patient must be observed closely and re-examined frequently. During this period morphine or other analgesics or sedatives are usually withheld because of the possible masking of early signs of more serious damage. If, after six to eight hours of observation, there is persistent abdominal pain, spasm, and tenderness, then laparotomy is indicated. Associated injuries do not constitute a contraindication to laparotomy provided that the patient is not in shock and the respiratory system is intact.

We wish finally to emphasize the necessity for early surgical exploration of the injured abdomen before every evidence that warrants this act is at hand, because irreversible complications may appear with unheralded speed. These can best be dealt with before their occurrence, not after they hold the center of the stage.

References

1. Burgess, C. M.: Treatment of nonpenetrating abdominal injury. *Postgraduate Med.*, 16:503, 1954.
2. Cogley, J. P.: The traumatic abdomen. *J. Iowa State M. Soc.*, p. 451 (Nov.) 1951.
3. Cottrell, J. C.: Nonperforative trauma to abdomen. *Arch. Surg.*, 68:241, 1954.
4. Johnston, C. G.: The surgery of trauma. *Surgery*, 32:874, 1952.
5. Kennedy, R. H.: Diagnosis and early care in nonpenetrating injuries of the abdomen. *S. Clin. North America*, 33:1497, 1953.
6. Penberthy, G. C., and Reiners, C. R.: Nonpenetrating injuries of the abdomen. *S. Clin. North America*, 33:1179, 1953.
7. Strode, J. E., and Gilbert, F. I.: Retroperitoneal rupture of duodenum following nonpenetrating injuries to abdomen. *Arch. Surg.*, 70:343, 1955.

A common fault in treatment of skin cancer is the incomplete destruction or removal of the lesion.

* * *

The majority of intradural, extramedullary tumors are benign, arise from either the arachnoid, dura, or nerve roots and usually may be completely removed.

* * *

Meningiomas and neurofibromas occur with approximately equal frequency.

Lumbar puncture is of great value in the study of patients suspected of spinal cord tumor and always should be made.

* * *

In the presence of spinal cord tumor, the protein content of the spinal fluid is usually quantitatively increased.

* * *

Laminectomy is the only treatment of value available for spinal cord tumor.

Multiple Polyposis of the Colon

A Preliminary Report

By Frederick A. Collier, M.D., and
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MULTIPLE polyposis of the colon is a rare familial disease in which there is an inherited tendency of the mucosa of the large intestine to proliferate with the development of polyps. These polyps seem to have a marked tendency to undergo malignant degeneration with the development of adenocarcinoma of the colon or rectum at an early age.

The polyps in multiple polyposis are true polyps or adenomas; that is, they consist of a stalk derived from the submucous fibrous tissue and are covered by an epithelial layer continuous with that of the bowel. The polyps are present literally by the hundreds and are scattered from the cecum to the anus (Fig. 1). The largest collections of polyps are usually found in the region of the hepatic and splenic flexures and in the sigmoid colon. The polyps may be sessile or pedunculated. They may vary in size from barely visible to several centimeters in diameter. When the polyposis is marked, it is sometimes difficult to find normal mucosa between the polyps.

Multiple polyposis must be distinguished from the adult or acquired polyposis in which one or several isolated polyps are found. In addition, the adult type of polyposis seems to develop at a later age. The acquired polyps frequently undergo malignant degeneration but usually not at the early age or with as great a frequency as in multiple polyposis. Ordinarily, the acquired polyps may be removed locally, and if the polyps are benign, the patient should be followed by repeated sigmoidoscopy and barium enemas to determine if further polyps have developed.

Pseudopolyposis of the colon is another disease that must be differentiated from multiple polyposis. Pseudopolyposis develops secondary to a diffuse inflammatory disease of the colon, such as nonspecific ulcerative colitis, tuberculosis or, rarely, typhoid fever. In pseudopolyposis islands

and tags of mucous membranes spared by the ulcerative process become hyperplastic and swollen. This is the starting point for polyps which continue to develop even after the acute inflammatory reaction has subsided. It has been found that about 10 per cent of patients with ulcerative colitis later develop pseudopolyposis of the colon.

Multiple polyposis begins by a change or mutation taking place in the genes of some individual who does not personally have the disease but who passes the mutant gene to his descendants. The disease is transmitted by both sexes and occurs in both sexes. In most cases the disease is trans-

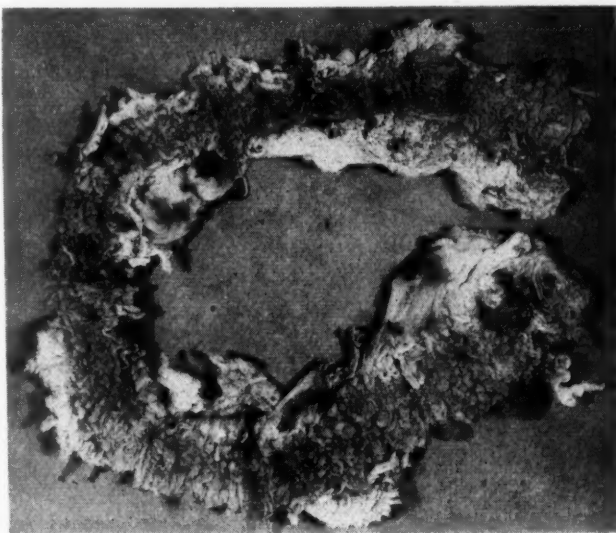


Fig. 1. Pathological specimen of typical multiple polyposis. No carcinoma was found.

mitted as a Mendelian dominant and only occasionally as a recessive characteristic. Reed and Neel estimate the frequency of multiple polyposis as 1:8300.

It is generally felt that multiple polyposis, although hereditary, is not congenital; that is, the polyps are not present at birth. In most instances, the polyps have been found to develop at or about the time of puberty. However, Le Fevre and Jacques demonstrated multiple polyposis in a four-month-old infant. Others have reported examining patients in their late thirties and finding the colon normal, but at re-examination several years later the typical findings of multiple polyposis are present.

Patients with multiple polyposis of the colon have many and varied symptoms and signs. Most commonly, the patients give a long history of recurrent episodes of abdominal discomfort asso-

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ciated with cramps and bloody diarrhea. Anemia, weakness, and weight loss are frequently present. Partial or complete intestinal obstruction occurs incident to the enlargement of polyps or to the



Fig. 2. Barium enema with air contrast technique demonstrating multiple polyposis.

development of carcinoma. Intussusception on the basis of multiple polyposis is not uncommon. In surveys of families with known multiple polyposis, there may be a few individuals who have typical multiple polyposis without signs or symptoms.

The diagnosis of multiple polyposis can be established by sigmoidoscopic examination and barium enema, particularly with the use of the air contrast technique (Fig. 2).

The proper treatment of multiple polyposis is now well established. The impracticability of removing hundreds of polyps locally, and the establishment of the fact that carcinoma will develop in essentially all untreated cases has led to the feeling that colectomy is necessary in this disease. The ideal treatment is total colectomy with inclusion of the rectum and the establishment of a permanent abdominal ileostomy. However, since many of these patients are reticent to accept a permanent ileostomy, a somewhat less radical op-

eration may be used in selected cases. A subtotal colectomy with an ileorectosigmoidostomy may be carried out with preservation of the continuity of the bowel. A subtotal colectomy, however, is only acceptable when: (1) the involvement of the rectum is such that the polyps there can be completely and safely removed by fulgeration; (2) there is no carcinoma in the recto-sigmoid or rectum, and (3) the patient is co-operative and will return at regular intervals for sigmoidoscopic examination and fulgeration of any recurrent polyps. In the operation of subtotal colectomy the anastomosis should be sufficiently low to permit visualization of the anastomosis and all of the remaining rectum by sigmoidoscopy.

In the past twenty years sixty-three patients with multiple polyposis of the colon have been treated at the University of Michigan Hospital.

Family History.—Thirty-four patients (54 per cent) were found to have relatives in one or more generations who were known or discovered to have multiple polyposis. Eight patients (12.7 per cent) had a suggestive but not definitely proven family incidence. Twenty-one patients (33.4 per cent) gave no history suggestive of a familial incidence of multiple polyposis, and examination of other members of the patient's family failed to demonstrate the disease.

Age and sex.—The average age of the patients at the time the disease was diagnosed was 33.7 years. Thirty-nine patients (62 per cent) were males and twenty-four (38 per cent) were females.

Symptoms.—Eighty-two per cent of the patients had symptoms referable to the large bowel at the time the diagnosis of multiple polyposis was established. The range of duration of the symptoms varied from a few months to the extreme of twenty-two years. The most common symptoms were diarrhea or loose bowel movements, abdominal cramps, and blood in the stool.

Carcinoma.—In 59.2 per cent of the patients in whom operation was performed, carcinoma was present. The average age of the patients with carcinoma was 38.5 years. The youngest patient was thirteen years old.

Treatment

Fourteen patients have refused operation. Of this group two are known to have died of carcinoma of the colon.

Nine patients were found to have advanced carcinoma when first seen. In this group a biopsy or palliative resection was carried out. All are now dead; the average survival was of less than two years.

Total colectomy with the establishment of a permanent ileostomy has been carried out in fifteen patients. Ten of the patients had carcinoma at the time of operation. Four patients developed recurrent carcinoma and are now dead. There were three postoperative deaths. Eight patients with total colectomy are living and well. The average survival for the group is 4.25 years. One patient has now been followed for fifteen years.

Subtotal colectomy has been performed in twenty-five patients with multiple polyposis. Ten of the patients were found to have carcinoma at the time of operation. Four patients have died of recurrence of the carcinoma, and three patients have died of causes not related either to the operation or cancer. Three patients developed carcinoma in the remaining rectal segment six, seven and eleven years after the subtotal colectomy. Two of these patients had not been sigmoidoscoped

for at least two years; combined abdomino-perineal resections were carried out, but both patients later died of recurrent carcinoma. The third patient was found to have malignant degeneration of a rectal polyp on routine sigmoidoscopic examination. This was removed and the patient has no evidence of recurrence in two years of follow-up. Eleven patients are alive and well and are returning for periodic sigmoidoscopic examinations and fulguration of recurrent polyps. The average length of time since subtotal colectomy in this group of patients is seven years.

Summary

Multiple polyposis is a rare familial disease in which hundreds of polyps develop in the colon and rectum, usually about the time of puberty. There is a great tendency for these polyps to undergo malignant degeneration while the patient is still at a relatively young age.

Forty patients with multiple polyposis of the colon have been treated with either total or subtotal colectomy. Ten patients have died of carcinoma, eight having had carcinoma at the original operation and two subsequently developing malignant degeneration of polyps in the rectal segment. Nineteen patients are alive and well without evidence of malignancy.

PREVENTION OF RHEUMATIC FEVER

(Continued from Page 1042)

Selected References

- Bladwin, J. S.: Sulfadiazine prophylaxis in children and adolescents with inactive rheumatic fever. *J. Pediat.*, 30:284-288 (March) 1947.
- Breese, B. B.: Treatment of beta hemolytic streptococcal infections in the home: relative value of available methods. *J.A.M.A.*, 152:10-14 (May 2) 1953.
- Chamovitz, R., and others: Prevention of rheumatic fever by treatment of previous streptococcal infections. I. Evaluation of benzathine penicillin G. *New England J. Med.*, 251:466-471 (Sept. 16) 1954.
- Coburn, A. F., and Moore, L. V.: The prophylactic use of sulfanilamide in streptococcal respiratory infections, with especial reference to rheumatic fever. *J. Clin. Investigation*, 18:147-155 (Jan.) 1939.
- Houser, H. B., and Eckhardt, G. C.: Recent developments in the prevention of rheumatic fever. *Ann. Int. Med.*, 37:1035-1043 (Nov.) 1952.
- Kuttner, A. G., and Reyersbach, G.: The prevention of streptococcal upper respiratory infections and rheumatic recurrences in rheumatic children by the prophylactic use of sulfanilamide. *J. Clin. Investigation*, 22:77-85 (Jan.) 1943.
- Massell, B. F., and others: Prevention of rheumatic fever by prompt penicillin therapy of hemolytic streptococcal respiratory infections: progress report. *J.A.M.A.*, 146:1469-1474 (Aug. 18) 1951.

- Stollerman, G. H., and Rusoff, J. H.: Prophylaxis against group A streptococcal infections in rheumatic fever patients: use of new respiratory penicillin preparation. *J.A.M.A.*, 150:1571-1575 (Dec. 20) 1952.
- Thomas, C. B., France, R., and Reichsman, F.: Prophylactic use of sulfanilamide in patients susceptible to rheumatic fever. *J.A.M.A.*, 116:551-560 (Feb. 15) 1941.
- Wannamaker, L. W., and others: The effect of penicillin prophylaxis on streptococcal disease rates and the carrier state. *New England J. Med.*, 249:1-7 (July 2) 1953.

NOTE: This statement was prepared by the Committee on Prevention of Rheumatic Fever and Bacterial Endocarditis appointed by the Council on Rheumatic Fever and Congenital Heart Disease of the American Heart Association. The committee is cognizant of the fact that no recommendations of any group can be final at this time. The present approach may not be the eventual solution of the problem of preventing rheumatic fever. Revisions and changes will be made as new knowledge may indicate.

The Constipated Infant

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IT IS reasonably safe to assume that when Ted Thirlby started the long and successful practice of medicine, one of the most common complaints he had from the mothers of the infants under his care was "my baby is constipated." It is also reasonably safe to assume that many such complaints were more fantasy than fact. The same complaint is often repeated today, with perhaps a greater degree of fantasy and less of fact than in Ted's early years of practice, although constipation in infancy continues to be a real problem.

The definitions of constipation usually given are that intestinal evacuations are too infrequent, too small in amount, too firm or too dry. There are wide variations in individual babies which need to be considered in the normal range. Most infants will have a soft, unformed stool with each feeding for the first month or two of life. Others may have but one or two stools a day, occasionally missing a day. Some may have stools which appear firmer and drier than others but as long as the baby appears healthy, eats and sleeps well, is not disturbed by undue flatulence or anorexia, and does not have excessive straining at the time of emptying his bowels, the chances are he is not suffering from constipation, even though his mother may be very disturbed with the apparent infrequency and character of his stools. When constipation does exist, it is very probable that it is caused by one of the following: (1) dietary deficiency, (2) nutritional deficiency, (3) anatomic defect, either congenital or acquired, or (4) functional defect.

The most common dietary deficiency producing constipation is the failure of adequate food intake. Peristaltic motion is normally stimulated by the ingestion of food. Factors interfering with it getting into the intestinal tract in sufficient quantity may well result in fewer bowel movements. The most striking example of constipation associated with small food intake is that seen in the baby with pyloric stenosis at about two or three weeks of age.

The present-day practice of infant feeding has

undoubtedly reduced the incidence of constipation associated with low food intake in the healthy baby. In contrast to thirty or more years ago, babies today, whether breast or bottle fed, are usually started on cereals, vegetables, fruits and meats by the time they are two months of age. Thus nutritional foods as well as bulk are added to the diet, where formerly infants existed on milk alone until they were six or eight months of age. Likewise, the rigid schedules of former years that allowed just so much formula every four hours have been replaced with the "demand" technique of more or less unlimited supply when the baby wants it. The giving of food not only in greater amounts but when he is hungry results in more relaxed, happier babies. Far less colic and restlessness are produced than would occur while waiting for the clock to tick off a four-hour interval, regardless of how hungry he might be.

Formula prescriptions high in protein, low in carbohydrate are very likely to produce dry, hard, putty-like fecal masses, which move slowly along the intestinal tract. Milk with high fat content likewise frequently produces large soapy curds in the intestinal tract which may interfere with normal bowel emptying.

The practice today of constructing the formula from milk, with not more than 3.5 per cent butter fat, and added carbohydrates that furnish at least 25 to 30 per cent of the total calories, has resulted in the production of a very digestible mixture which generally is not constipating to the artificially fed baby.

Babies with infections or those who lose their appetite from some other cause, such as hot, humid weather, for short periods of time may and will become constipated as a result of decreased food intake.

Constipation occurring from or associated with nutritional deficiencies is far less common in this part of the world than formerly, with the elimination of rickets and scurvy by the addition of proper vitamins. Although not to the same degree, the atomic, sickly child, with iron deficiency anemia and associated constipation, has practically disappeared as the result of adding iron-containing foods to the diet before the baby becomes anemic, as he used to do on milk only until six or eight months of age.

Babies chronically ill with very poor appetites and who are finicky in their eating, such as the infant with nephritis, neoplasm, or congenital heart

disease, may well develop constipation resulting from poor nutritional mixtures.

Constipation arising in the otherwise normal healthy infant may be the result of one of several anatomical defects. These conditions may fail to produce symptoms in the first few weeks of life or, if symptoms are present, they may be mild and overlooked in the early weeks, due in part to the minor change in the consistency of the stools at this time.

Anorectal stricture or stenosis is probably the most frequent of these defects and can be easily diagnosed by rectal examination. The sphincter of most infants is tight to the examining finger, but will usually relax a few moments after the well-lubricated finger cot is inserted on the examining finger. In the presence of stricture a tight band usually is felt 2 to 3 centimeters in the rectal canal. Such a band is the result of incomplete absorption of the membrane formed by the fusion of the hind gut and the proctoderm late in fetal life. Strictures of this sort have been reported by many observers, with frequency varying from 12 to 39 per cent.² The symptom of constipation, however, was present in less than a quarter of those with stenosis, and evidence of stricture subsided in the majority by the sixth or seventh month.

Occasionally, a long, redundant or tortuous sigmoid, or malrotation of the colon may account for persistent constipation. These entities can be recognized only by x-ray with contrast media. Their presence generally is rare.

The presence of fissure in ano resulting from the passing of a hard stool, the injudicious use of a rectal thermometer, unlubricated tip of enema tube, or other foreign body inserted into the rectum may easily produce constipation on a reflex basis. After a few painful defecations the infant will hold his stool rather than endure the pain involved. Thus a vicious cycle is established of further drying the stool, making it harder and more painful to pass. The older infant may recognize that the urge for a bowel movement is associated with the ingestion of food, and because of the discomfort accompanying defecation may eat less. The mother may become suspicious of a fissure, particularly when the baby's stool is streaked with fresh blood. Careful inspection of the anorectal mucosa in this situation should reveal the presence of the fissure.

Functional disturbances in the enervation of the gut are responsible for extremely severe constipa-

tion in infancy. Very often the symptom of obstruction is manifest in the first day or two of life, or in the milder forms within the first week or two. Zuelzer and Wilson⁶ have described the condition as being due to "agenesis of the myenteric plexus." The studies of Swenson⁴ and associates have demonstrated clearly the malfunctioning rectum and rectosigmoid as the etiology of Hirschsprung's disease.

The choice of treatment of constipation in infancy is largely dependent upon its cause. As with most pediatric problems, prevention, when possible, is the best cure.

Treatment

In the otherwise healthy, happy infant, the importance of establishing good bowel habits cannot be over-emphasized. Early in life when bowel movements may be associated with nearly every feeding, regardless of position or other stimuli, there is not much need or opportunity to attempt any "bowel habit training." When the baby reaches the age of three or four months and the number of stools daily have reduced to one or two, the mother may be encouraged to try to stimulate a little regularity in the infant either at bath time or after his first morning meal. Laying the baby on his back on a suitable table and flexing his thighs on the abdomen, with gentle pressure being exerted on the soles of his feet, simulating the sitting position on the toilet seat, may help condition the reflex of bowel emptying. At six or seven months, when the baby is sufficiently strong to sit for ten or fifteen minutes on a baby toilet seat securely fastened to the family toilet and equipped with a foot rest, at a definite time after a meal, encouraging a bowel movement may be helpful. Such occasion should not be a part of the baby's playtime, and attempts at coercion should be discouraged.

The majority of babies respond to this procedure very satisfactorily. Mothers should not expect their babies to be thoroughly bowel trained until after two or three years of age, when they can begin to understand why they need to go to the toilet. The above procedure is not aimed at "housebreaking" so to speak, but is merely an attempt to establish good bowel habits.

The use of enemas and suppositories should definitely be discouraged in this procedure, although occasionally the baby who is slow to respond when in this position will do so if a well lubricated rectal thermometer is gently inserted, and after a few

occasions may establish some degree of regularity. The thermometer so used may be helpful also with the baby who, because of some intercurrent infection and reduced appetite, has not had a stool for a few days.

If the stool is hard and dry, causing much straining with each attempt to pass it, the instillation of a few cubic centimeters of mineral oil into the rectum with a baby ear syringe may produce the desired effect. Mineral oil by mouth during infancy should be discouraged because of the danger of aspiration and subsequent lipoid pneumonia.

On rare occasions in the otherwise healthy baby whose food intake has not been sufficient to stimulate peristalsis through the rectum, a laxative may be helpful. The easiest one to use in this case is milk of magnesia, 2 to 4 cc. added to the formula. The addition to the formula of one-half to one ounce of Karo may be necessary with some infants to keep the stool soft. Also, the addition of fruits, particularly a little prune puree or prune juice, often is extremely beneficial as well as an increased amount of cereal and vegetables in the diet.

The constipated baby with malnutrition associated with chronic disease presents a greater problem, because of the general lack of muscle tone and, in particular, a lack of appetite. It is sometimes very difficult to keep his stool soft and easily moveable. Such an infant may require small amounts of laxative agents at frequent intervals, and possibly enemas, until his underlying condition is corrected. Soapsuds enemas have been widely used in this connection, but it is doubtful if the physician who prescribes such a measure has ever had one himself. They are very irritating, to say the least. A warm tap water enema of a few ounces works quite well. A much more satisfactory medication, which is not a laxative nor is it a lubricant is that of Aerosol O. T. (Diocetyl Sodium Sulfosuccinate)⁵ which acts as a wetting agent in keeping the stool soft. This may be administered by mouth in a 1 per cent aqueous solution, 2 to 3 cc. added to the formula or fruit juices.

Methylcellulose^{1,2} preparation added to the baby's diet is also helpful in increasing the bulk by virtue of its ability to hold water while passing through the gut. In unusually resistant constipation the combination of Aerosol and Methylcellulose has proved very helpful.

Constipation resulting from stricture in the recto-sigmoid area may require rather frequent dilatation which can be easily accomplished by

the mother after a few instructions. It is very important that a very well lubricated finger cot be used on the dilating finger, and that the finger be placed far enough into the rectum to enter the stenotic ring. The finger should be held in place for at least four or five minutes each time. Because of the pain created by this procedure, a local analgesic ointment, like Nupercaine, may be necessary. The mother should be instructed to start with the little finger at first and gradually build up to the index finger. Occasionally, the stenotic area may be so tight as to require surgical intervention for relief. In these babies it is particularly important to keep the stool soft. Aerosol is very beneficial in this instance, as well as the other dietary measure of a low residue diet.

Anal fissures resulting from constipation and the passage of hard, dry stools, or from other causes, create a vicious cycle of further constipation and loss of appetite, and require very careful treatment in infancy. Local measures include relief of pain on defecation. An analgesic ointment may be employed for this purpose. However, small fissures frequently respond very well to the instillation of a few cubic centimeters of mineral oil into the rectum with a well lubricated tip of an ear bulb syringe. Aerosol administered either by rectum in a similar manner, using 1 per cent aqueous solution, 2 to 4 cc., or by mouth is particularly helpful in keeping the stool soft. If the fissures does not heal spontaneously after the stool is softened, application of silver nitrate to the denuded area may be beneficial. On rare occasions, the fissure may become deep and, surrounded by granulation tissue, require surgical excision.

In constipation resulting from a long, redundant colon, or mal-rotation of the colon, it is also essential to maintain a soft stool. Some of these conditions may correct themselves as the infant grows older and assumes an erect position. Others may occasionally produce symptoms of acute obstruction and require surgical correction.

Although there has been a great deal of writing on the medical management of the child with functional causes of constipation, it has been only recently that successful management of the megacolon associated with Hirschsprung's disease has been accomplished by the removal of the non-functioning segment of the rectosigmoid area, as described by Swenson.⁴ The problem of clean-

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Obstructive Uropathy in Childhood

Diagnosis and Surgical Management

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OBSTRUCTION at the outlet of the urinary bladder is commonplace in senescent men, and physicians in general are aware of its frequent occurrence and are alert in recognizing it. Yet the occurrence of similar obstructive uropathy in children is less understood by the medical profession, with the result that physicians and parents alike often overlook certain abnormalities of micturitional behavior in infancy which if recognized would lead to early discovery. For the male normally urinates a forceful high trajectory stream, which is at once the object of curious pride to his mother as well as the envy of his male parent, and he empties his bladder with a continuous stream. Any male infant who does not emulate the boy made famous in the statue in Brussels and who urinates with an interrupted stream must be regarded with grave suspicion. Such a child probably has an impediment to the natural evacuation of his bladder, and, if this is allowed to progress untreated, may develop irreparable damage to the upper urinary tract.

Doctors routinely instruct mothers of newborn babies regarding the care of their infants and inform them about certain observations that should be made from time to time, for example, bowel habits, sucking techniques, et cetera. Equally important should be the observation of the act of urination. Any evidence of impediment should prompt early investigation. One of the present authors read a short report on this subject a few years ago, which was published in the *JOURNAL OF THE MICHIGAN STATE MEDICAL SOCIETY*. A few months later, he received a phone call from a physician in a nearby city who reported that his daughter-in-law and grandson were staying with him for a short time waiting the day of departure for Japan, where the doctor's son was in military service. Having recently read the article in question, the grandfather observed the infant void and was impressed by the degree of hesitancy and the interrupted nature of the child's stream. His anxiety led to an investigation which revealed

the presence of obstructing valves in the urethra and the presence of residual urine amounting to 100 cc. The obstruction was easily corrected, and within a short time the infant was voiding freely and without interruption. The mother and child were able to fly on schedule to be with the father.

The symptoms that usually call attention to these disorders are likely to be the result of advanced complications of urinary obstruction. Thus, loss of appetite and apathy associated with uremia may cause the parents of a child to seek medical advice. More frequently the presenting complaint is recurrent urinary infection that fails to respond permanently to any form of antibacterial medication, for obstruction enhances persistent infection, especially when there is residual urine. Troublesome enuresis in some instances will be found to result from obstruction and associated residual urine, and urinary incontinence by day is often the result of an advanced stage of this condition. When complete decompensation of the bladder musculature has occurred, there may be an abdominal mass present which erroneously can be interpreted as the usual potbellied configuration of a child of this age. We recently saw a seven-year-old boy with this condition. His kidneys and ureters are dilated beyond hope of recovery. His mother states that she took the boy to a local physician at the age of two years because he had a protuberant abdomen and often wet himself during the day as well as at night. The physician examined the child and informed the mother that the boy was normal and that his protuberant abdomen was simply the normal situation in a child of his age. She was not reassured, so consulted a "specialist," who also found no cause for concern. In retrospect, it seems likely that the protuberance five years ago was due to bladder distention and that diagnosis then might have resulted in salvage of a condition now hopeless.

Indeed, the well-baby clinic* is the first line of attack in the early recognition of obstructive lesions which if left alone and unrecognized will eventually result in permanent damage to the urinary tract.

What are these obstructive lesions? The scope, while not broad, includes both rare and ordinary lesions and must take into account acquired as well as congenital defects. For purposes of clarity, the following brief discussion of the commoner varieties encountered will be based on the anatomic order of their occurrence, from the urethral meatus to the bladder neck.

Meatal Structure

Congenital imperforate urethra occurs infrequently. Its detection is not long delayed, for a persistently dry diaper is quickly brought to the

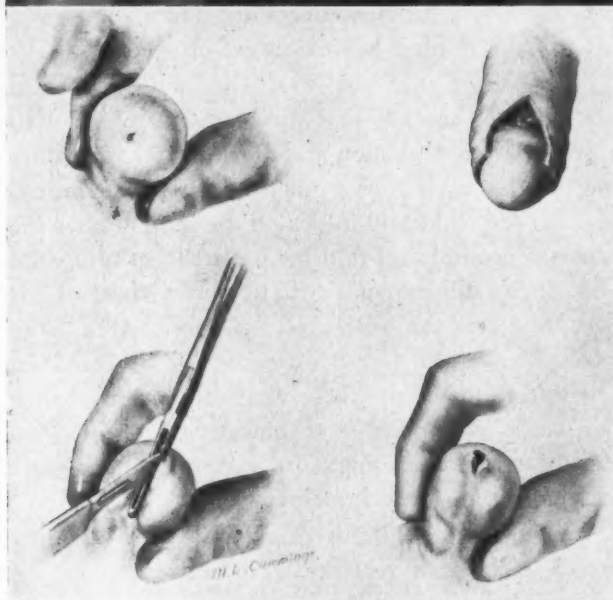


Fig. 1. (*above*) Cystogram showing massive reflux of radiopaque material injected into the bladder, completely outlining a vastly dilated upper urinary tract.

Fig. 2. (*below*) Meatotomy performed on a congenitally narrowed urethral meatus, discovered after dorsal slit of prepuce.

attention of the physician by the attending nurse or the mother of the child. Congenital narrowing of the urethral meatus is far commoner. It, along with acquired reduction in meatal caliber such as

might occur after diaper meatitis in the recently circumcised baby or follow chronic balanitis in the uncircumcised phimotic boy, is less likely to be quickly recognized.

The adverse changes induced by this apparently simple lesion are illustrated in the x-ray (Fig. 1) of a thirty-two-months-old child showing an advanced stage of uropathy secondary to meatal stricture. This child shows massive reflux of radiopaque material injected into his bladder completely outlining a vastly dilated upper urinary tract.

The performance of meatotomy with subsequent dilatation of the meatus (Fig. 2) with a bougie for the following two to three days to prevent healing at the original small caliber is all that may be required when the lesion is discovered early. Circumcision in chronic recurrent balanitis and correction of diaper irritation are necessary accompaniments if these factors are present and predispose to perpetuation of the process. Diversion of the urinary stream by cystotomy is seldom necessary and is reserved for those cases where extensive renal damage can be demonstrated by cystography and pyelography and where restitution of kidney function is an obvious necessity before further investigation or definitive corrective procedures can be carried out.

Congenital Urethral Valves

The prostatic urethra may be the site of a variety of obstructive anomalies. Congenital urethral valves are found in this region. Some are filamentous or veil-like and, while attached to the surrounding tissues, seem quite different in character from the mucosal structures to which they adhere. Others take on the character of deep folds or redundancies and appear continuous with the bladder and urethral surfaces. Both groups are usually attached at one end to the verumontanum. McKay and Young have classified valves into three types (Fig. 3): (1) the membranes extend from the verumontanum toward the external sphincter; (2) the filaments extend back toward the vesical neck, and (3) the membrane extends across the urethra like a diaphragm. Perhaps a fourth category might be added, since frequently the valves may coexist with hypertrophy of the verumontanum itself.

If congenital urethral valves are suspected on the basis of existing signs and symptoms, additional diagnostic procedures may be employed to

substantiate this impression. If renal function is sufficient to allow concentration of intravenously administered contrast medium, the status of the kidneys may be easily determined by pyelography.

Perhaps from the preceding discussion it might be assumed that instrumentation for purposes of diagnosis is regarded as routine. A word of warning in this regard may not be out of place. The

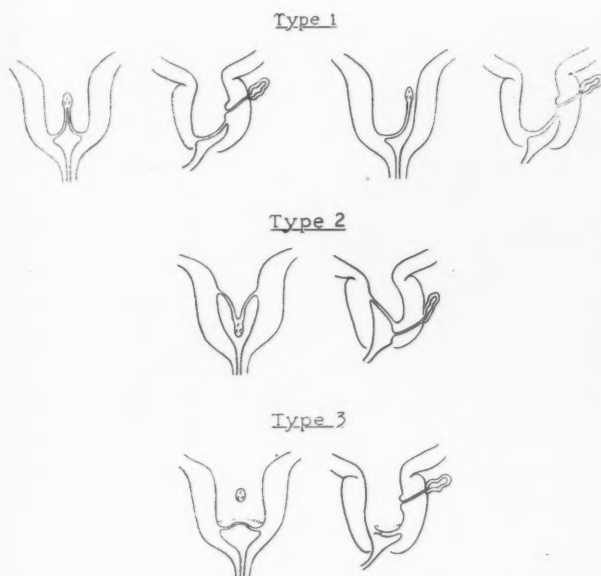


Fig. 3. The three types of congenital urethral valves, as classified by McKay and Young.

This alone may not suffice, for often intravenous pyelograms may appear quite normal, yet the cystogram (Fig. 4) performed with delayed exposures will show reflux of radiopaque material into the upper urinary tract. Of course, even without roentgenographic aids, considerable information may be secured by the introduction of a catheter after micturition into the bladder in order to determine the presence or absence of residual urine.

None of these techniques actually establish the diagnosis but only hint at its presence. Instrumental examination with the endoscope may supply the additional data needed. Such an examination is not without danger, however. The small urethra of infancy does not lend itself well to manipulation with a rigid device. The examiner is further hampered by visual and mechanical limitations imposed by an instrument of 12 F. caliber or less. Despite these drawbacks, such an examination is possible. In fact, in twenty-two of the last twenty-three substantiated cases at the University Hospital, diagnostic endoscopic inspection of the urethra was accomplished. In three of these cases, a perineal urethrotomy was performed to facilitate introduction of the instrument and thus avoid trauma.

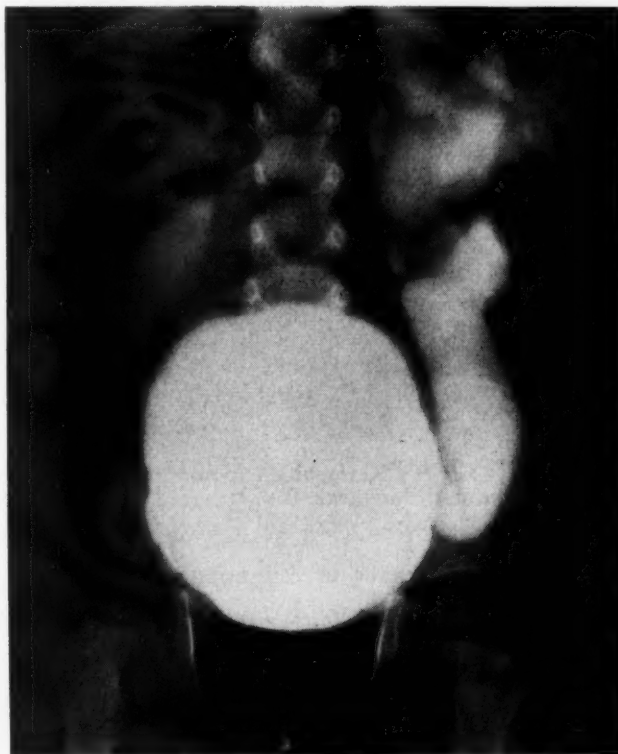


Fig. 4. Cystogram performed with delayed exposures, showing reflux of radiopaque material into the upper urinary tract.

child possessed of congenital urethral valves is frequently presented to the physician in what may appear to be reasonably good condition when in actuality his internal chemical environment is being maintained virtually on the brink of ionic disaster. If this anemic azotemic acidotic infant has introduced into the sterile cavity of his bladder a catheter or instrument with the inevitable accompanying bacterial invader, and if this catheter is then withdrawn, the organism may multiply in the most ideal of all culture media, namely, stasis urine, and may choose to ascend the adynamic ureters and impose itself on an already weakened kidney, with inevitable pyelonephritis.

What conclusions may be drawn from this? Certainly, selected preliminary determinations of the chemical constituents of the blood should precede other diagnostic efforts. If the patient is in obvious jeopardy, then immediate suprapubic cystotomy will suffice to establish needed drainage with the least amount of trauma and danger to

the patient. All efforts may then be directed to the immediate problem at hand, the correction of chemical imbalance and restoration of homeostasis.

exposure. Actual sharp dissection of the valves from their attachments to the bladder, urethra, and verumontanum, primary suture of bleeding points, and freedom from the adverse effects of

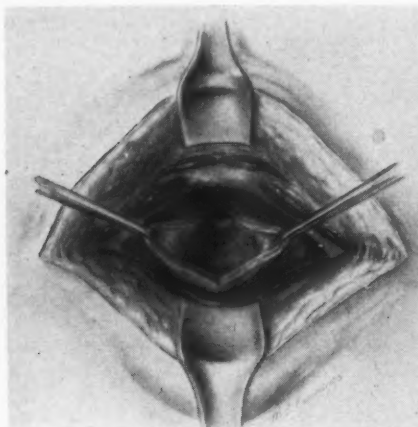


Fig. 5. Retropubic exposure of the prostatic urethra.

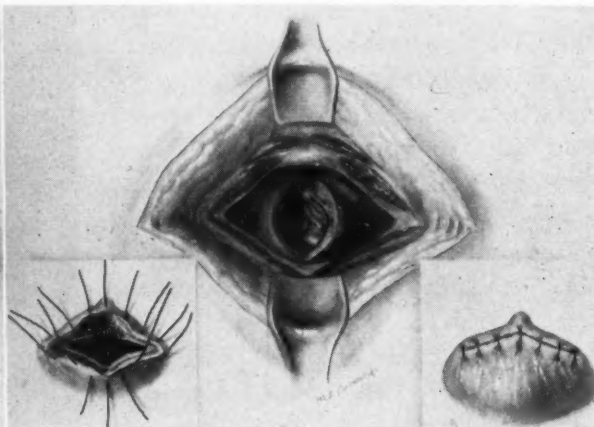


Fig. 6. Transverse closure of bladder neck for treatment of contracture.

If such preliminary investigations indicate satisfactory renal function, or if the performance of cystotomy is followed by reasonable restitution of kidney function and return of bladder tone, then definitive correction of the primary abnormality is the next logical step. The recent development of a transurethral resectoscope of infant size has enabled the urologic surgeon to correct this abnormality by excision of the valves under direct vision, an advantage not shared by the perineal and suprapubic approaches, the use of blind sounds, or the inaccurate application of fulgurating electrodes through the endoscope. Nevertheless, even those skillful in the manipulation of this instrument will admit that its size at times proves too great a barrier to accurate direction of the cutting electrode and that, in addition, there are those cases where it is actually impossible to introduce the instrument, even by urethrotomy. This is especially true of the very young patient and, of course, leaves cystotomy as the only alternative. Such a choice might be avoided if some other approach were reasonable. The answer may perhaps be found in the application of the technique of retropubic exposure of the prostatic urethra to the child (Fig. 5). Many surgeons have found that the visual picture it affords the operator is unexcelled. The prostatic urethra of the infant is even more accessible by this method than is that of the adult, and, in addition, there is the advantage of fewer blood vessels to interfere with

thermal coagulation are additional benefits which favor this method.

Vesical Neck Contracture

Contracture of the vesical neck is another congenital anomaly whose presence may give rise to obstruction. In its childhood form it is histologically characterized by a local increase in connective tissue of the submucosa. These contractures produce the same upper tract damage as the other obstructions under question.

Before institution of therapy, it is etiologically important to rule out disease of the central nervous system in these cases. A discussion of the controversial features of neuromuscular structure and function of the bladder neck is not indicated here. Suffice it to say that in certain disorders of the nervous system examiners have observed what appears to be muscular spasm or hypertrophy of the vesical neck. Whatever its origin, it may visually simulate the changes seen in certain stages of congenital vesical-neck contracture. A careful neurological examination, cystometry, and detailed neurologic x-ray techniques may aid in the differential diagnosis, for neurological disease will not be corrected by operation.

In choosing a proper approach for the correction of vesical-neck contracture, the surgeon is beset by the same mechanical barriers already outlined in the consideration of surgery of congenital valves. In this instance, the nature of the tissue

present offers an additional problem, for trans-urethral resection will often be followed by subsequent recurrence of the constriction at the bladder outlet. For this reason many surgeons have come to rely again on the advantages offered by the retropubic exposure of the vesical neck (Fig. 6). The goal in this instance is not only a section of the contraction ring, but also a cystorrhaphy to widen the orifice. Dr. Bradford Young has recently re-emphasized the benefits of a vertical incision over the prostatic urethra, extending into the bladder neck. The exposure of bladder and prostatic cavities is thus easily accomplished, a wedge removed from the bladder neck by sharp dissection, the defect covered with mucosa, and, probably the most important step of all, the vertical wound then closed transversely, as might be done in a pyloroplasty. This widens the vesical orifice appreciably and mitigates against recurrence of the original problem.

Hypertrophy of the Vesical Neck

Closely related to vesical-neck contracture is another entity, considered to be rare, but perhaps, in retrospect, far commoner than is presently appreciated. Its clinical course is nicely illustrated by a seven-year-old girl admitted to the University Hospital for consultation. Her referring physician, a competent urologist, had treated her intermittently over a three-year period for recurrent lower-urinary-tract infection. During the initial phase of her investigation, cystoscopy was carried out, and pyelograms were made to rule out factors likely to contribute to the perpetuation of the process. None were found. The bladder was of normal capacity, its wall was smooth, and no residual urine was discovered. The vesical outlet was considered adequate. Three years later, discouraged by the persistent intermittency of this child's cystitis, the same urologist again did cystoscopy and on this occasion founded residual urine of 160 cc. Instead of a smooth-walled bladder, there was now gross trabeculation and a definite increase in total capacity. Pyelograms were still normal. The vesical outlet was considered adequate. Surprised by this obvious change in appearance with the passage of time and with no apparent reason for the change, the physician sought an additional opinion. The admission examination at University Hospital added no other information. There was no measurable neurologic deficit either on cystometry or on detailed neuro-

logic tests. The child carried 160 to 180 cc. of infected residual urine after voiding without appreciable effort. Repeat cystoscopy showed the changes already described. At first glance, the vesical neck appeared quite adequate. However, on further visual evaluation, it seemed as if there might be some encroachment of the outlet laterally and superiorly on withdrawal of the instrument.

Because of these findings, the obvious progression of signs and symptoms, and the fear that continuation would eventually result in involvement of the upper urinary tract, it was decided to expose the vesical neck by the retropubic route. This was done. A vertical incision was made over the bladder outlet and an amazingly thickened musculature encountered, at least 2 cm. in depth. The rest of the bladder by comparison seemed relatively normal or perhaps slightly thickened. Trabeculation was seen. The vertical wound was closed transversely, and a catheter was left in the urethra for ten days as a splint and to accomplish drainage and was then removed, with immediate return to normal urinary function. The patient emptied her bladder without residual urine, and after discharge from the hospital, returned for a check-up examination four weeks later with again no residual urine and, interestingly, no infection, despite the fact that no medication was given at the time of discharge.

Is hypertrophy of the muscle of the vesical neck a congenial obstructive disease, such as is seen in pyloric stenosis, or is the situation seen here a panoramic view of what may occur in many children with recurrent cystitis, namely, infection, irritation, and secondary vesical muscular spasm with partial obstruction, followed by hypertrophy, trabeculation, and then, later, decompensation, and residual urine followed by ureterovesical incompetency with dilatation of the upper urinary tract? Obviously, additional investigation is needed to ascertain the significance of the changes observed in this patient and in others seen under similar circumstances.

Summary and Conclusions

The association of obstructive uropathy with the senescent stage of existence has, unfortunately, led to the supposition that its occurrence in childhood is, by contrast, rare. All evidence points to the contrary. The inarticulate child, the untrained parent, and the unsuspecting physician may

(Continued on Page 1080)

Clinical Significance of Hoarseness

By A. C. Furstenberg, M.D.
Ann Arbor, Michigan

THE laryngologists of today have a comprehensive grasp of the clinical manifestations of laryngeal diseases which, in nearly all instances, are characterized by an altered voice. It remains, therefore, the duty of this professional group to designate the etiological factors, describe the symptomatology, and establish principles of treatment for the common causes of hoarseness in the daily practice of medicine. Any effort on my part to correlate and publish our present-day clinical knowledge of diseases of the larynx would result merely in a repetition of medical history. At the risk of being censored and properly too by those who hold priority rights to original publications, I shall try to cover in a somewhat didactic manner those common diseases of the larynx which come to the attention of the doctor in the general practice of medicine.

Acute Laryngitis

Acute laryngitis, perhaps, is the most common cause of an altered voice. It is frequently preceded by an acute rhinitis or pharyngitis without a rise in temperature or any pronounced symptoms of a general reactive character.

In the laryngeal mirror, one notes a diffuse hyperemia of the laryngeal mucosa with swollen rounded vocal cords which approximate poorly on phonation. Occasionally one observes superficial ulceration of the vocal cords particularly in those individuals who abuse the larynx by incessant conversation or coughing during the acute episode.

There seems to be no specific treatment for an acute laryngitis. The virus of this disease does not seem to be favorably affected by any of the antibiotics or chemotherapeutic agents. The most important therapeutic measure is rest of the larynx. Codeine may be indicated whenever there is an annoying cough which traumatizes the acutely inflamed larynx and adds to the patient's discomfort. The disease runs its course, limits itself, and gets well spontaneously without being in-

fluenced to any great extent by any of the specific therapeutic agents now at our disposal.

I should like to state with all the emphasis of which I am capable that any individual who is hoarse for a period longer than two weeks should have a careful laryngeal examination. This is particularly true if he has passed the age of forty. Don't continue to treat a patient for acute laryngitis for an indefinite period. If the process has not resolved spontaneously in ten to fourteen days, there is reason to suspect that the lesion in the larynx is something more formidable than a simple acute inflammatory process.

Chronic Laryngitis

Chronic laryngitis is a prolonged inflammatory process within the laryngeal mucosa frequently observed in individuals who have repeated attacks of acute laryngitis and practice faulty voice production. Thus, we often see it in singers, public speakers, auctioneers, and foremen in factories who shout above the loud noises of machinery. People who have a high degree of nasal obstruction, a chronic nasal accessory sinus disease, or hypertrophied septic tonsils seem to be predisposed to this disorder. The abuse of alcohol and tobacco is undoubtedly a factor in the production of chronic laryngitis in some individuals.

No specific form of treatment seems to be effective in reversing this intralaryngeal condition. Vocal rest, a tonsillectomy when indicated, or relief of nasal obstruction and accessory sinus disease will occasionally result in definite improvement in the condition of the larynx and restore the voice to something that approximates its normal pitch and volume. In the long-standing cases where chronicity has been established in its fullest measure, one often finds an extensive edema of the vocal cords which, in effect, represents a polypoid change over their entire extent. In these patients, surgical interference is most effective. A direct laryngoscopy is performed under general anesthesia and both vocal cords are "scalped." The edematous mucous membrane is carefully peeled from one or both cords, leaving the tunica propria exposed but intact. Epithelial proliferation rapidly occurs bringing the cords more or less to their normal dimensions with a satisfactory restoration of the patient's voice.

This is frequently referred to as stripping or scalping the vocal cords. In those cases of edema

of the cords, with the formation of redundant tissue on their margins, the results of this operation in terms of voice rehabilitation are most gratifying.

Laryngeal Nodules

Vocal or singer's nodules (papillomata of the larynx) are a common cause of hoarseness. They are small fibromata which develop on the margins of the vocal cords due to vocal abuse or misuse. When the latter is practiced in the presence of an acute inflammatory process, these lesions are particularly prone to develop. They are most frequently found at the junction of the anterior and middle thirds of the vocal cords, the site of greatest impact during phonation.

In the laryngeal mirror, one sees the papilloma on the margin of the cord surrounded often with a zone of hyperemic mucous membrane. While these lesions seem small and trivial they nevertheless are frequently responsible for a marked alteration of the voice and excessive fatigue at the close of the day for patients whose occupation calls for the constant use of the voice. It is amazing the degree of exhaustion often observed in patients who have strained all day long to overcome the obstacle of a small papilloma of the larynx in bringing the vocal cords adequately together for audible phonation.

The nodules are easily removed by direct laryngoscopy and a cupped forceps. One must be careful to remove the papilloma without injuring the underlying cornus elasticus. The prognosis for prompt and complete restoration of the voice to normal is usually most favorable in these cases.

Laryngeal Paralysis

The etiological factors responsible for laryngeal paralysis may be central or peripheral in origin. It has frequently been stated that central lesions usually produce a bilateral paralysis of the larynx. While this is probably true, I am convinced that unilateral paralysis of central origin is not an uncommon condition. When both sides of the larynx are paralyzed, phonation and respiration are seriously disturbed and the condition of the patient becomes so grave that the laryngologist is promptly consulted. In the case of a unilateral paralysis, however, there is often but slight impairment of laryngeal function and because the associated neurological disturbances dominate the picture, the slight alteration of voice is considered too trivial to merit investigation. A routine study

of many neurological cases over a period of thirty-five years has brought to my attention many examples of unilateral laryngeal paralysis and only a few in which the central disturbance involved the laryngeal nerves on both sides.

Dr. John E. Magielski of our staff has recently prepared a report on 739 cases of laryngeal paralysis examined in the clinic at University Hospital during a twelve-year period between July, 1938, and July, 1950. He has noted that the left cord was paralyzed about twice as often as the right because the nerve supplying the left side of the larynx traverses a much longer course than its counterpart on the right. Bilateral paralysis occurred seventy-nine times.

In the series studied by Magielski, sixty-nine cases were of central origin and 670 were peripheral. The diseases responsible for central paralysis were varied. The more common causes included luetic arteritis, bulbar palsy, developmental deformities of the base of the skull and brain, vascular accidents, tumor, trauma at the base of the skull, syringomyelia, multiple sclerosis, and bulbar poliomyelitis. In this central group, twelve instances of bilateral paralysis were noted, having been caused by progressive bulbar palsy, lues, or poliomyelitis.

Peripheral laryngeal nerve paralysis may be divided into five main groups, mechanical, traumatic, neoplastic, inflammatory, and idiopathic. The first, the mechanical group, implies conditions causing tension in some form upon the laryngeal nerve. Such a factor is evidenced occasionally by heart disease, pulmonary tuberculosis, aneurysm of the aorta, and right subclavian artery, and benign tumors of the thyroid gland. A common lesion of the heart which produces laryngeal paralysis is advanced rheumatic heart disease with mitral stenosis and left auricular enlargement causing the left pulmonary artery to compress the nerve against the aortic arch, adjacent lymph nodes, and ligamentum arteriosum. Two cases of hypertensive heart disease, one arteriosclerotic, and the other pericardial effusion, were responsible for paralysis in patients seen in our clinic. Cardiovascular lues was found in eighteen instances, all male and all unilateral. In this group, the left cord was involved fifteen times and the right three, the latter due to involvement of the ascending aorta in two patients and the right subclavian artery in one. Benign thyro-adenoma was the cause

of laryngeal paralysis in seventeen patients, both sides involved equally, but predominantly in the female, fourteen to three. In one instance, diffuse toxic goiter was the offender. The remainder of the group comprised deep neck infections, irradiation pneumonitis and vascular anomalies within the chest. The cases due to tuberculosis revealed the left cord more frequently involved whether parenchymal or apical scarring was the responsible lesion.

The traumatic group which comprised the greatest number of cases included surgical and non-surgical injuries to the nerve. Surgical injuries involved 323 cases of which thyroidectomy was responsible 300 times. The right and left nerves were affected about equally. The remaining twenty-three surgical injuries were caused by operations upon the chest, mediastinum, and various neck procedures for tumors and the drainage of abscesses.

Neoplastic causes for laryngeal paralysis were next in frequency. These in order of incidence were bronchogenic carcinoma, seventy-nine; metastatic carcinoma of the neck and chest, thirty-four; mediastinal tumors, twenty-seven; carcinoma of the thyroid, twenty-five; carcinoma of the esophagus, eighteen; and two carcinomas of the trachea. The left recurrent laryngeal nerve was more frequently involved in this group. The long intrathoracic course of the left nerve obviously makes it the site of predilection for neoplastic invasion. Vocal cord paralysis due to metastatic carcinoma were twice as frequent in the female as in the male. The primary tumors responsible were most often in the breast or pelvis. Carcinoma of the thyroid gland produced paralysis in twenty-five cases.

Inflammatory or toxic neuritis as a cause of paralysis was found in twelve cases, none bilateral. The left side seemed to be favored again, there being eight cases on the left and four on the right. These cases were classified as inflammatory or toxic because no specific cause for the disorder could be found other than an acute infection of some type occurring with the onset of the paralysis. These conditions were variously diagnosed as influenza, upper respiratory tract infection, cold or virus infection, occurring with or just immediately before the paralysis.

The group of patients in whom no cause could be found for the paralysis was classified as idio-

pathic. These comprised a total of fifty-eight cases, with thirty-three left-sided paralysis, twenty-four right, and one bilateral. The male was affected more often than the female. Three patients classified as idiopathic subsequently revealed the cause of their paralysis. One developed a generalized carcinomatosis and two others later disclosed clinical evidence of bronchogenic carcinoma. Instances of this character emphasize the need of thoroughness in the initial examination of a patient with laryngeal paralysis; a complete general medical survey, radiographic study of the neck and chest, endoscopy, and close observation for an extended period of time before the category of idiopathic is used.

Dr. Magielski's study of 739 cases of laryngeal paralysis indicated that the most common cause of this disorder was surgical trauma; thyroidectomy was by far the most common surgical procedure responsible for injury of the laryngeal nerves.

While laryngeal paralysis usually causes hoarseness, it is often astonishing to note how slightly the voice is altered by a unilateral paralysis. Some authors report that 25 to 30 per cent of these patients are asymptomatic. In a number of instances, however, the hoarseness is most marked and remains a constant source of embarrassment to those individuals whose vocations call for a great deal of conversation. In many patients over a period of time, the normal cord will compensate for the paralyzed one to the extent that phonation is altered but slightly or not at all.

To date, no one has been successful in obtaining a regeneration of the recurrent laryngeal nerve with restoration of the function of the cord by end to end anastomoses or a nerve implant. The nerve is small, its sheath thin, and its protection by adipose tissue minimal. There are other factors, however, responsible for our failure to obtain satisfactory regeneration of this nerve with which we are becoming more familiar through daily laboratory investigation. It would seem that some of them may be successfully overcome in the near future.

Cancer of the Larynx

In a discussion of laryngeal cancer, one must emphasize the importance of hoarseness; that it is an early symptom if the lesion involves the true vocal cords; that it may be a late manifestation if the cancer is in the ventricles or extrinsic on

the aryepiglottic folds, the superior surface of the ventricular bands or the epiglottis.

Grossly, cancer of the larynx manifests itself in so many different forms that any attempt to describe them would not establish specific entities and afford reliable data for diagnosis. Long ago we learned that a diagnosis of cancer cannot be made with certainty from the gross appearance of the lesion. However, experience has taught that the anterior two-thirds of the vocal cords is the area upon which carcinoma of the larynx is most frequently observed, that it may be hidden within the ventricles and remain unrecognized for a considerable time, but that it is seldom seen as a lesion in the posterior commissure.

It would be a simple matter to complete this discussion of cancer of the larynx by quoting from the books; but obviously this would offer nothing that you do not already know or cannot easily acquire from available texts. Unless book knowledge can be related to experience, it is a desultory form of instruction and offers the student nothing more than he can gain by his own initiative. If you will bear with me then, I should like to deal with that mysterious thing we call the clinical behavior of cancer.

Clinical behavior, while enigmatic and puzzling, must nevertheless challenge our constant interest and close study. It must not be overlooked in the final determination of the therapeutic procedures to be employed. At best the treatment of cancer is major and formidable. A decision as to when it is to be instituted is a responsibility always to be accepted with serious concern.

In our clinic we are consulted frequently by a patient who complains of an altered voice and presents some relatively minor and nondescript lesion of the larynx which is ill-defined and unclassifiable. It is not a typical papilloma, the edematous polypoid change of a chronic laryngitis, nor a definite constructive process with ulceration which would make its identity something more than speculation. Yet it is an obvious pathologic change characterized, somewhat vaguely, by thickening and irregularity of one or both cords with other changes not easily definable. A conference of laryngologists is held. One individual notes a hyperemia and exfoliation of epithelium and ventures a diagnosis of keratosis. Another describes a whitish area and expresses the belief that it is a leukoplakia. A third person, perhaps, calls

it a chronic laryngitis, and then may follow a long list of possibilities in that broad range of questionable entities from pachydermia to scleroma. Finally comes the statement which has been withheld throughout this conference that a biopsy has been performed and that the diagnosis is squamous cell carcinoma. Everyone had the lurking suspicion that the lesion was at least precancerous, but no one saw enough characteristic changes to risk a diagnosis of malignant disease. Now comes the consummate answer, cancer.

Treatment is then the next concern. If one vocal cord is involved, laryngo-fissure may be advised; if both cords are affected, laryngectomy obviously must be considered; or on the side of conservatism, roentgenographic therapy may be recommended. All methods of treatment are not without morbidity.

Come now to the frank gist of this discussion. Should we accept without equivocation a pathologic diagnosis of a lesion of the larynx in which the clinical diagnosis is so obscure? Should we act promptly and with finality on the basis that a pathologic report is infallible? I, for one, am reluctant to do so, particularly in those instances when the pathologic description and diagnosis are couched in terms which leave some question as to the pathologist's own convictions in the matter. The pathologist is an honest man but he is also human. If there is an uncertainty in his mind, he will express it. No one questions his unimpeachable integrity but there comes a time with him, as there does with all of us, when that margin between doubt and conviction is so narrow that a decision one way or the other is not an error of commission.

And so I make this earnest plea. Do not hasten to perform major operations upon the larynx for obscure lesions whose diagnosis is highly questionable from what you note in the history and see in the larynx. There need be no apprehension about taking a little time for clinical studies and deliberation. The lesion to which reference is made will identify itself by its behavior in due time, and, I am confident, also before it reaches a stage when it is out of hand. Perhaps you will wish to do another biopsy and in so doing, it might be well to strip the entire cord. I am confident, even without the proof of controls, that early carcinoma of the larynx has been cured by this conservative procedure.

It is only natural that these statements should provoke argument. Some of you will ask, what are the dangers of delay? The error of omission must be admitted but will be reduced to the minimum if the patient can be kept under close observation and critical study made of the clinical manifestations of his laryngeal disease. Conservative therapy may be utilized during this interval. Stripping the vocal cords has already been suggested. Voice rest and specific treatment may be employed if it is suspected that an inflammatory process is the underlying cause of the lesion. Consultation with men of wider laryngeal experience is a commendable procedure and evidence of a conscientious interest in the patient. To those who have misgivings concerning the preachment of this philosophy, I can only say that my files of the past thirty years contain too many records of patients who have been advised to have radical laryngeal operations because of positive pathologic reports of clinically unidentifiable lesions of the type described. These patients were not treated surgically or with irradiation and are alive after many years with larynges intact or have died of old age. While we must not err on the side of conservatism, I am convinced that often too little attention is given to the clinical behavior of laryngeal disease and too much value placed upon the pathologic diagnosis of the lesion. The result is obvious—radical therapy of doubtful need.

There remains, however, another important diagnostic aspect of carcinoma of the larynx, namely, our failure occasionally to get representative tissue on biopsy from a lesion which has all the gross characteristic clinical features of a carcinoma. We see a constructive process within the larynx. It is ulcerated and perhaps infiltrated deeply enough to have caused immobilization of one or both cords. By every clinical rule, it conforms to a malignant lesion. Yet one, two, three or more biopsies fail to give us the pathologic picture which we anticipate. Here we must not be dismayed. I have taken as many as five biopsies from a lesion before its true identity was revealed. One of my colleagues, an experienced and highly skillful laryngologist, tells me that a lesion under his scrutiny did not give up its identity until the seventh biopsy had been performed. Thus we have the other side of the picture. A lesion which because of its clinical

appearance and behavior is obviously a cancer, yet its true significance may be overlooked were one to rely solely upon the first, second, or even the sixth biopsy report.

Differential Diagnosis

It would be a waste of your time to discuss the laryngeal triad and to reiterate what has been said over and over again in regard to the differential diagnosis of cancer, tuberculosis, and syphilis. In this modern era of laryngology, no one is any longer in the dark as to the criteria which establish the identity of these diseases. Laryngeal tuberculosis is invariably secondary to an advanced pulmonary tuberculosis while laryngeal syphilis is rightfully suspected when there is a history of infection, evidence of tertiary lues elsewhere in the body, and a positive serological test. A therapeutic test may be tried in suspected laryngeal syphilis when other evidence, including a positive serological test, is discovered. One must always recognize the possibility of the co-existence of two or even three of the lesions of the triad. Some time ago, a patient in our clinic with an extensive lesion of the larynx was discovered to be the victim of the complete triad, cancer, tuberculosis and tertiary syphilis.

Conclusions

1. Chronic laryngitis and papilloma of the larynx are common causes of hoarseness. The former is manifested by thickened, hyperemic vocal cords without ulceration but frequently involved in an edematous change of the character of polypoid degeneration. Vocal rest may be effective in some of these patients. In others, direct laryngoscopy and scalping of the cords is a most satisfactory therapeutic measure.

The laryngeal papilloma or nodule is quickly identified in the reflected image of the larynx in the mirror. Surgical removal is the only satisfactory method for its removal.

2. Laryngeal paralysis which usually produces some degree of hoarseness can occur as the result of pathologic conditions along the course of the recurrent laryngeal nerves, centrally or peripherally; at their cells of origin in the nucleus ambiguus of the medulla or along the corticobulbar fibers which carry motor impulses to the lower motor neurons which supply the larynx. In

(Continued on Page 1110)

Hypothyroidism, a Dangerous Disease

By Nelson Taylor, M.D., Myer Teitelbaum, M.D.,
and Ichiro Tokuyama, M.D.
Detroit, Michigan

HYPOTHYROIDISM is probably the cheapest and easiest disease to treat, a tablet or two before breakfast and the results are often dramatic. Diagnosis, too, is frequently very simple, with the classical features of increasing apathy, somnolence, morning fatigability, cold intolerance, dry skin, and constipation.

While the obvious case is the rule, the obscure one presents a challenge which is most gratifying to meet and to correct. The benefits to the patient, too, are far out of proportion to the ease of therapy.

Symptoms

In addition to the common symptoms mentioned above, there may be a gradually developing loss of memory, deafness and labyrinthine vertigo. Occasionally the apathy may be so profound that psychosis is considered and the patient referred for psychiatric care. Instead of the customary indifference, a paradoxical appearance of hyperactivity may obscure the problem as the patient attempts to compensate for the decreased efficiency by greater drive resulting in "nervousness" and irritability.

Joint pains with muscle stiffness may also be noted. The hair is usually dry but may be either coarse or fine, is scant and falls out readily. The beautician may be blamed because a permanent wave does not take well.

Dyspnea may be mentioned, particularly if the patient is obese which is true in about 60 per cent of the cases.⁵ There may also be angina pectoris and peripheral edema.

Vague gastrointestinal symptoms occur which include dysphagia, a sense of fullness after meals, anorexia and yet a tendency to weight gain associated with the customary constipation.

Variations in the menstrual cycle may range from amenorrhea to menorrhagia. Libido and potentia may be reduced, infertility is common

and if fertilization does occur the pregnancy may not be carried to completion.

Physical Findings

Upon physical examination of the well-established hypothyroid, the apathy, and mental torpor are outstanding, movements are slow and often awkward. The patient responds slowly to questions and to instructions but usually is cooperative in a dull, listless manner with notable lack of affect.

Skin changes in association with hypothyroidism are many, but the ones usually considered characteristic are the cool temperature, dryness, coarse texture and subdermal thickening; thick and scaly skin may actually be a manifestation of vitamin B complex (niacin?) deficiency. Abnormal pigmentation may be patchy and areas of atopic eczema and xanthomatosis are not uncommon. Carotenemia may be apparent, particularly on the plantar surfaces. Finger nails usually grow slowly, are thick and break readily.

Scalp hair is often dry and brittle with patches of alopecia. The outer thirds of the eyebrow are frequently thinned, axillary and pubic hair may be sparse and in men the beard may be reduced. Some of these changes doubtless are due to vitamin A deficiency secondary to impaired hepatic conversion of carotene.

Puffiness about the eyes is common and in cases of long standing thyroid deficiency, sclerotic changes of the retinal vessels are apparent. Impaired hearing may also occur. A thick, swollen tongue is frequently described, but this sign is not particularly reliable. However, hoarseness of the voice with thickened vocal chords are characteristic findings.

The thyroid gland may be absent such as is the situation in postthyroidectomy myxedema. The structure may be atrophic, normal size or there may be a large nodular gland and occasionally the hard ligneous mass of Riedel's struma may be present.

The heart may be enlarged and not infrequently pericardial effusion can be demonstrated clinically. Arteriosclerosis is common in established hypothyroidism, and this, associated with the often concomitant vitamin B deficiency, may account for the occasional irreversible heart failure. Coronary arteriosclerosis² is statistically increased. There is usually a bradycardia but arterial hypertension occurs in about half the cases.

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The respiratory system is usually not clinically altered nor are there major changes in the abdomen or genitalia except for sparseness of pubic hair.

The gait is usually slow, deliberate and may be clumsy. Deep tendon reflexes are occasionally hypoactive, but one significant finding is a slow return of the Achilles tendon reflex.¹

A major consideration in hypothyroid patients is the marked sensitivity to hypnotics and sedatives. Caution must be exercised in this respect if the patient should require surgery.

Laboratory Findings

Many tests have been utilized to aid in the diagnosis of thyroid dysfunction and currently there is considerable discussion relative to the merits of at least three. The basal metabolic rate is still the most generally available and when supervised and calculated by a careful, capable technician it can be a most valuable test. Radioiodine (I^{131}) uptake studies when radioisotope facilities can be utilized may eventually become the screening method of choice while further modification of the protein bound iodine (PBI) determination may make this a general laboratory procedure. However, none of these tests will supplant the others since each in a rather gross fashion measures a different function.

I^{131} uptake studies measure the ability of the thyroid to trap iodine; PBI is an approximation of the circulating thyroid hormone while the BMR is an estimation of end organ response. Determinations of serum cholesterol are reportedly elevated in 90 per cent of hypothyroids⁷ but actually there is more value in following serial determinations during therapy than in utilization of serum cholesterol as a diagnostic aid. The electrocardiogram may give a clue to otherwise unsuspected hypothyroidism when there is low voltage, low QRS complexes, and low or flat T waves.

Problems in differential diagnosis are not uncommon, particularly with regard to obesity, senility and chronic nephritis. The most difficult problem, however occurs with the differentiation between primary and so-called pituitary myxedema occurring in the hypopituitarism of Simond's disease or Sheehan's syndrome. This differentiation is vital to insure proper management of the myxedema in panhypopituitarism. Here the secondary adrenal failure must be cor-

rected before the patient receives desiccated thyroid. If this sequence is not followed, adrenal crisis may be provoked.

History and physical examination do not always clearly delineate the picture so that laboratory aids are frequently necessary. In primary hypothyroidism urinary gonadotropins may be low, normal or absent. The determinations of 17-ketosteroids have proved to be most valuable as they are extremely low in cases of myxedema secondary to pituitary failure and usually only slightly depressed in primary thyroid deficiency. The most important aid, however, is radioiodine uptake before and after the administration of thyrotropin (TSH). In primary hypothyroidism the thyroid gland is not capable of responding to stimulation and thus the administration of TSH results in no appreciable increase in I^{131} uptake. Conversely, even in longstanding panhypopituitarism TSH administration will elevate radioiodine uptake levels to euthyroid range.

A corollary to this has recently been reported by Schneeberg, et al.⁸ They feel that thyrotropin may be used to establish the diagnosis of primary hypothyroidism with more assurance than in the identification of hypothyroidism due to pituitary failure.

Therapy

The therapy of uncomplicated mild primary hypothyroidism may be started with a dosage of desiccated thyroid which can usually be well tolerated, 0.032 gm. ($\frac{1}{2}$ gr.). After intervals of four to six weeks this may be increased by multiples of the initial dose until the patient becomes euthyroid or symptoms of hyperthyroidism supervene. When the latter situation occurs the dose is then reduced to the preceding asymptomatic level. *The patient should then be cautioned never to discontinue therapy unless advised to do so by a physician* and should be followed thereafter for recurring evidences of thyroid deficiency. There is at present no established indication for the clinical use of thyroxin or the more recently available preparation, triiodothyronine.

Usually the management of hypothyroidism from diagnosis through control is remarkably simple and gratifyingly effective. However, one of the dangers has already been mentioned in the use of thyroid therapy before a hypopituitary patient has been adequately protected by adrenocortical therapy. Other dangers are inherent in

too aggressive therapy in the aged or longstanding primary hypothyroid. Doses of desiccated thyroid in the range of 0.006 gm. (1/10 gr.) to 0.008 gm. (1/8 gr.) should be used initially and increased with extreme caution in order to avoid anginal episodes or even myocardial infarction. Mental aberrations have been reported³ including acute psychoses.

But while these dangers are quite generally appreciated, the greatest hazard lies in the neglected mild case whose arterial system gradually develops sclerotic changes and who quietly retrogresses into a hapless vegetative existence. Too often the diagnosis is made too late to alter irreversible changes or therapy is inadvertently discontinued to be followed by insidious recurrence of myxedematous effects.

Case Reports

Five recent fatal cases* will serve to illustrate the extremes of these hazards.

Case 1.—This sixty-seven-year-old white woman was admitted to hospital with severe shortness of breath and cough productive of yellow sputum. The patient was obese, disoriented, dyspneic and orthopneic with moderate left ventricular hypertrophy; the voice was low, croaking and the skin and hair were typical of hypothyroidism. Thirty years previously thyroidectomy had been performed and desiccated thyroid therapy had been inconstant. Active cardiac and antibiotic regimens were unable to correct the congestive failure and pneumonia. The patient expired seven days after admission. No thyroid therapy was used.

Case 2.—This sixty-eight-year-old white man was a known severe myxedematous patient for many years. It was established that a severe degree of atherosclerosis had developed and his resistance to infection was poor. Death was brought about by severe renal and cardiac failure with superimposed pneumonitis and multiple pulmonary infarcts which were the result of emboli from the right atrium of the heart. It is probable that the myocardium would have held up longer had it not been for the presence of numerous old myocardial infarctions and the mucoid degeneration characteristic of myxedema. The patient received thyroid therapy in cautiously increased doses for two months preceding death.

The following are the combined anatomic and histologic diagnoses:

1. Pyelonephritis, chronic with hydronephrosis:
 - (a) Uremia (clinical).
 - (b) Pericarditis, fibrinous.
 - (c) Cystitis, hemorrhagic.

*These are brief summaries of cases studied in detail by the authors, Doctors William Maddock, Alvin Paulsen and other members of the teaching staff at Wayne University College of Medicine and Detroit Receiving Hospital.

2. Thyroid—atrophy and fibrosis:
 - (a) Myxedema, clinical.
 - (b) Hypertrophy and dilatation, myocardium.
 - (c) Fibrosis, myocardium.
 - (d) Degeneration, mucoid, slight, myocardium.
 - (e) Mural thrombosis, right auricle.
 - (f) Thrombosis, right coronary artery, old.
 - (g) Infarction, pulmonary.
 - (h) Atherosclerosis, generalized.
3. Pneumonitis, right lower lobe, middle lobe and left lower lobe.
4. Cholecystitis with lithiasis.
5. Hernia, umbilical and inguinal.

Case 3.—This fifty-three-year-old white female cretin was admitted in acute congestive failure. Desiccated thyroid 8 mg. and later thyroxin 0.05 mg. combined with intensive cardiac therapy failed to alter the downhill course. The patient quietly expired on the tenth hospital day.

Case 4.—This fifty-four-year-old white woman was admitted following the onset of severe crushing retrosternal pain. She received customary therapy for myocardial infarction for the first two weeks and then desiccated thyroid 8 mg. daily was administered with no alteration in the gradual downhill course and the patient expired on the forty-fifth hospital day. The final diagnoses were:

1. Arteriosclerotic cardiovascular disease.
2. Coronary arteriosclerosis, severe with recent thrombosis.
3. Myocardial infarction, recent, massive.
4. Mural thrombi, left ventricle and auricle, and right ventricle.
5. Pulmonary embolism with infarction.
6. Pneumonitis, bilateral.
7. Atrophic thyroid—myxedema.

Case 5.—This fifty-seven-year-old white man was hospitalized because of severe congestive failure. He was known to have used desiccated thyroid for hypothyroidism for three years. The dose was 0.032 gm. (1/2 gr.) daily but was taken irregularly and none had been taken for at least six weeks previous to radioiodine tracer studies. The uptake of I¹³¹ was 14 per cent in twenty-four hours and after three days of thyrotropin, 30 mg. daily, the uptake was only increased to 16 per cent indicating primary hypothyroidism.

Cardiac catheterization revealed significant increase of the pulmonary artery systolic and right ventricular systolic pressures. Oxygen saturation of brachial artery blood was much lower than normal.

The patient improved with digitalization and diuresis and was discharged on a dose of 0.008 gm. (1/8 gr.) desiccated thyroid daily. Because of the persistence of marked hypothyroid symptoms the amount was increased to 0.016 gm. (1/4 gr.) daily but congestive failure recurred. The patient was readmitted but vigorous cardiac therapy was ineffective and the patient expired on the fourth hospital day in one of several Stokes-Adams attacks. The final diagnoses were:

1. Arteriosclerosis, generalized.
2. Arteriosclerotic heart disease.
3. Hypothyroidism.

All of these cases represent instances of primary hypothyroidism which were untreated or inadequately treated and eventuated in well advanced arteriosclerosis directly contributing to death.

This evidence of self-neglect may be contrasted with the other extreme of thyroid administration somewhat indiscriminately to the aging group.⁴ The reasonable approach would appear to be that of assiduous search for all patients with hypothyroidism and then *emphasis on the importance of continuing therapy.*

Comment

A review of major symptoms and signs in hypothyroidism has been presented with emphasis on the common features of apathy, somnolence, morning fatigability, cold intolerance, constipation, cool, dry skin, bradycardia, and slow return of Achilles tendon reflex. Interesting added findings may be the thick, dry, scaly skin which responds to vitamin B complex therapy alone emphasizing the need for this treatment concomitantly. The dry, brittle hair which falls out readily may also be a vitamin A lack due to impaired hepatic conversion of carotene.

Laboratory diagnostic aids include the generally available basal metabolic rate which is still an extremely valuable test when capably, conscientiously and quietly performed. Protein bound iodine determinations still present technical problems and there are insufficient radioisotope laboratories to make radioiodine uptake and conversion studies generally available. However, when all three can be utilized they complement each other in measuring different functions related to the thyroid. Serum cholesterol determi-

nations, usually elevated in hypothyroidism, are helpful in following therapy.

The most important diagnostic differentiation is from the myxedema associated with hypopituitarism. The use of radioiodine uptake studies before and after thyrotropin stimulation is the key in this problem.

Treatment with desiccated thyroid is usually very simple but can represent a major hazard with a too aggressive therapeutic program. Another major hazard is the progressive development of arteriosclerosis in the untreated or inadequately treated hypothyroid. Thus, discontinued treatment or the neglected mild case may well represent the major hazards in hypothyroidism. Brief summaries of five fatal cases emphasize these dangers.

Conclusions

The major hazards involved in the management of hypothyroidism are:

1. The neglected mild case.
2. Unwarranted discontinuance of therapy.
3. Too aggressive therapy in the presence of arteriosclerosis.

References

1. Anderson, B. G., and Drummy, W. W.: Delayed relaxation of tendon reflexes in myxedema. *Bull. New England M. Center*, 15:112 (Sept.) 1953.
2. Friedberg, C. K.: *Diseases of the Heart*. Philadelphia: W. B. Saunders, 1949.
3. Hurxthal, L. M., and Musulin, N.: *Clinical Endocrinology*. Philadelphia: J. B. Lippincott, 1953.
4. Kountz, W. B.: Heart disease in mid-life. *J. Michigan M. Soc.*, 52:1293-1297 (Dec.) 1953.
5. Means, J. H.: *The Thyroid and Its Diseases*. Philadelphia: J. B. Lippincott, 1948.
6. Schneeberg, N. G.; Perloff, W. H., and Levy, L. M.: Diagnosis of equivocal hypothyroidism using thyrotropic hormone (TSH). *J. Clin. Endocrinol. & Metab.*, 14:223-231 (Feb.) 1954.
7. Stokes, F. H.: *The Blood Cholesterol Content in Myxedema and Other Conditions*. Sydney: Australasian Medical Publishing Co., 1941.

OBSTRUCTIVE UROPATHY IN CHILDHOOD

(Continued from Page 1071)

inadvertently allow perpetuation of this error. The child whose micturitional habits are characterized by hesitancy, infrequency, and a poor stream productive of small volumes of urine, or the child who is beset by enuresis, or who may be the victim of recurrent urinary-tract infection, while not necessarily possessed of obstructive dis-

ease of the lower urinary tract, is at least a candidate for investigation to rule it out.

A plea is made for physicians to include in their instructions to the parents of newborn children information regarding the need for observance of micturitional behavior. When this is not normal, an early investigation should be advised.

Experiences with Metacortandracin (Meticorten) in Severe Bronchial Asthma

By John M. Sheldon, M.D., James A. McLean, M.D., and Kenneth P. Mathews, M.D.

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THE clinical usefulness of corticosteroids (cortisone, hydrocortisone) and corticotropins in the symptomatic control of severe bronchial asthma has been well established.^{1,6} The severe side effects related to the metabolic influence of these substances frequently necessitate their withdrawal or a reduction in dosage below therapeutic effectiveness. Therefore, any steroid which would effectively control the asthmatic paroxysms without producing serious side reactions would be desirable.

Bunim, Pechet and Ballet,⁵ working with two new synthetic steroids—metacortandracin* and metacortandralone—observed that these steroids possessed the physiological activity of an adrenal cortical hormone. Furthermore, they demonstrated that these drugs were several times more potent than cortisone or hydrocortisone as anti-rheumatic and anti-inflammatory agents, and that the undesirable side effects were less frequent and less severe. Because of the profound anti-inflammatory effect of these agents it would seem logical that they would be useful in a control of allergic disorders, especially bronchial asthma. Preliminary reports by Arbesman,² Skaggs et al,¹⁰ Schwartz,⁸ Rose,⁷ Barach,³ Brown,⁴ and Sheldon⁹ would suggest that these delta derivatives of cortisone and hydrocortisone are effective agents in the symptomatic control of severe asthma, and furthermore that they do not carry the degree of risk of undesirable reactions observed with other steroids.

The purpose of this paper is to present our experiences and observations on a group of fifty-one patients with severe asthma who have responded poorly to other accepted methods of therapy. We shall also detail the metabolic studies on fifteen patients that have been observed for the longest

period of time. The entire group consisted of twenty-six females and twenty-five males varying in age from eight years to seventy-one years. Cases selected are rather unusual in that eleven of them are known "aspirin-sensitive" patients, without other etiological triggers, and twenty-three of the subjects were diagnosed as infectious (intrinsic bacterial) asthma. The remaining seventeen cases were of the mixed type, or due to extrinsic protein sensitivity. The duration of the asthma varied from five months to twenty-four years.

Thirty-six of the patients had previously received cortisone, hydrocortisone or corticotropin, and eleven of this group had taken a daily dose of 75 to 200 mg. of cortisone continuously for a period of from three months to three and one-half years previous to transfer to Meticorten. Initial observations on in-patients, or approximately one-third of the patients, were obtained for a period of eight to twenty-one days, while the remainder of cases were observed at weekly intervals as out-patients.

In all of our hospital cases daily blood pressure determinations were recorded; patients were weighed each morning before breakfast; total eosinophil counts and vital capacity determinations were recorded daily; twenty-four-hour urinary 17-ketosteroid determinations were made before and at varying intervals after the administration of Meticorten; a routine urinalysis was made each week and the chest was examined each day. Upon discharge these studies were repeated at weekly intervals. A similar investigation was carried out in all cases managed as out-patients. Three of the patients initially had sodium restricted to 800 milligrams daily for a period of five days, and then these patients were permitted to have salt freely in the diet. The remaining cases were permitted a general diet without potassium supplement except that some patients were taking potassium iodide as an expectorant. Bronchial dilators were continued if they were being administered previous to Meticorten.

We have had an opportunity to observe the individual patients for a period of from twenty-four to 191 days. The initial dosage of Meticorten consisted of divided doses of 25 milligrams daily in forty-six instances and 35 milligrams in five patients. When maximum improvement with complete asthmatic control occurred, the Meticorten dosage was reduced by 5 milligrams per

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*This drug, under the name Meticorten, was supplied through the courtesy of the Schering Corporation, Bloomfield, N. J. It is also known as Prednisone and is commercially available under other trade names.

day, the reduction occurring at three to four-day intervals until a minimum daily maintenance dosage was established. Complete withdrawal of

In fifteen cases 24-hour urinary 17-ketosteroid determinations were made before and during the administration of Meticorten. A marked reduction

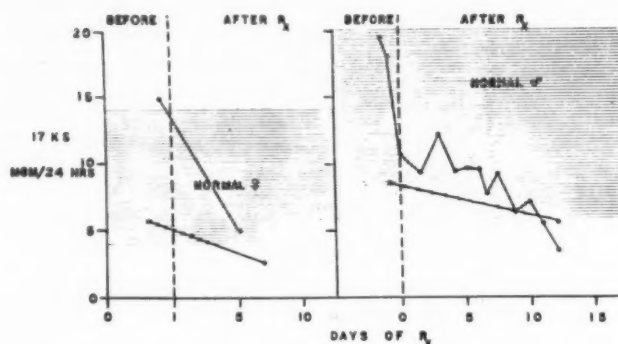


Fig. 1. Graph showing the typical response of the twenty-four-hour urinary 17-ketosteroids obtained on patients V.S., P.M., H.H. and P.F. before and after Meticorten therapy.

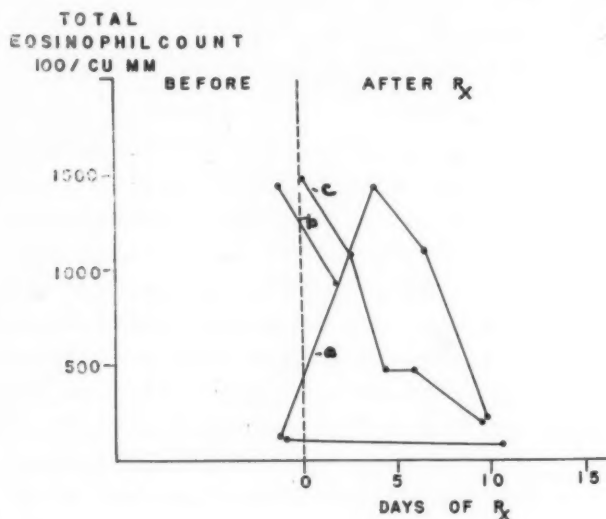


Fig. 3. A. An example of the temporary rise in circulating eosinophils observed following withdrawal of cortisone, hydrocortisone or corticotropin even though Meticorten has been immediately substituted. Lines B and C on graph represent the usual eosinophil response to Meticorten.

Meticorten has been possible in only three patients. In one patient an interval of eighty-six days has elapsed without a recurrence of her asthma, although there has been a slight (300 cc.) reduction in her vital capacity. The other two patients have remained well for about two months since withdrawal of Meticorten. One patient's minimal daily requirement was found to be 2.5 milligrams every twelve hours, four patients required 25 milligrams in divided doses, while the majority remained asymptomatic on five milligrams every twelve hours.

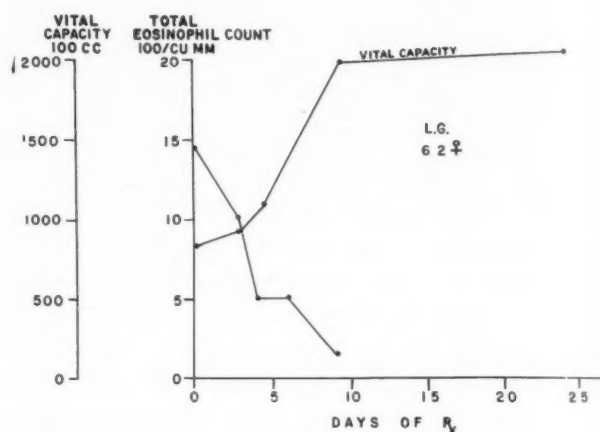


Fig. 2. Data on total peripheral circulating eosinophilia and vital capacity gathered on patient L.G. This is a typical example of the results obtained on other patients.

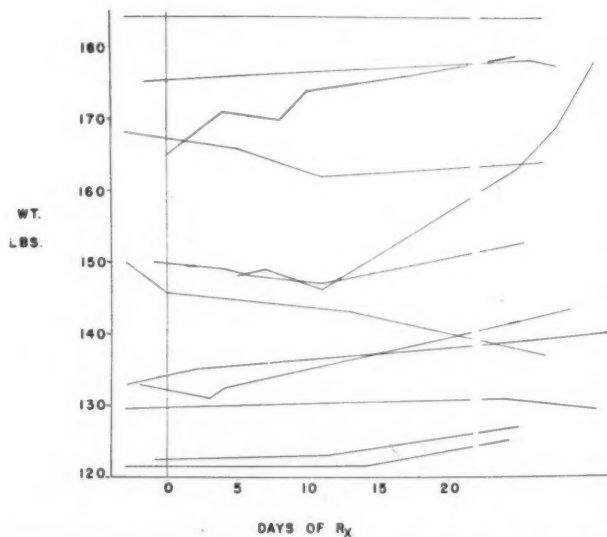


Fig. 4. Graph showing examples of the actual weights of patients while on Meticorten therapy.

of ketosteroid value was observed in all instances (Fig. 1).

In fifteen patients a definite fall in the total eosinophil level occurred (Fig. 2), although one patient who had previously received 150 milligrams of cortisone daily experienced a rise (Fig. 3) to 1,100 eosinophils per cubic millimeter upon changing to Meticorten; but when Meticorten had been administered for six days (35 milligrams daily) there was a definite eosinopenia. Weight gain was usually observed and varied from 1 to 22 pounds (Fig. 4). It was thought that the

gain in weight was a reflection of the improvement of the general health of the patient associated with an increased appetite, rather than a water and electrolyte effect of Meticorten. In two of the patients there has been an elevation in both the systolic (20 millimeters of mercury) and diastolic (10 millimeters of mercury) blood pressure. Four patients have failed to show changes in serum potassium, serum sodium and CO_2 combining power following 25 milligrams of Meticorten daily for seven days. Tibial edema has not been observed.

In the way of side effects or untoward reactions we have observed moon facies in eighteen instances. However, one patient with marked mooning and other features of Cushing's syndrome completely reverted to normal after transferral to Meticorten. In two cases insomnia was extremely bothersome; two patients developed gastrointestinal symptoms necessitating temporary discontinuance of Meticorten. Gastrointestinal x-ray studies were negative and Meticorten was reinstituted without return of symptoms.

Subjective improvement usually was observed within eighteen to forty-eight hours after starting Meticorten. However, satisfactory control of the respiratory embarrassment often did not occur until after three to four days of therapy, and maximum improvement as measured by timed vital capacity or M.B.C. usually did not occur until the drug was given for five to seven days. These observations regarding the time required for clinical control are somewhat different from other reports but perhaps may be explained on the basis of smaller initial dosages of Meticorten used by us.

In eleven patients receiving 75 to 200 mg. of cortisone daily and uncontrolled so far as asthma and undesirable metabolic effects were concerned, we were able to substitute Meticorten for the cortisone and satisfactorily control the asthma both from the objective and subjective viewpoint. Furthermore, this group of cases either improved so far as the undesirable metabolic effects were concerned or the side effects were completely obliterated. Figure 5 illustrates the objective data obtained on one of these eleven patients. The improvement in vital capacity is similar to that observed in all of the asthmatics although the degree of improvement varied.

Of the fifty-one patients studied, fifty were com-

pletely relieved of asthma provided the dosage of Meticorten was continued at the level required for the individual patient.

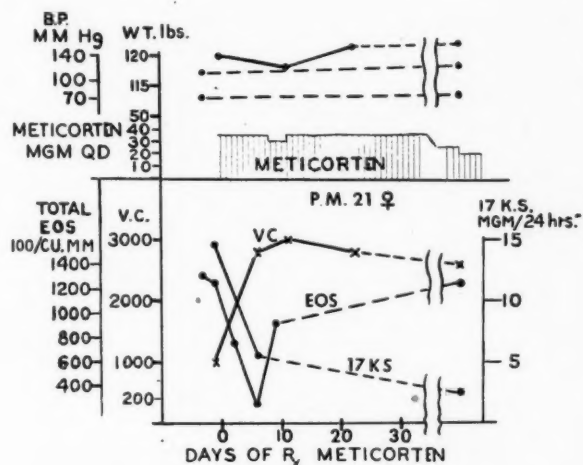


Fig. 5. Represents the type of study carried out on the majority of patients. The vital capacity, peripheral eosinophilia counts, and twenty-four-hour-urinary ketosteroid determinations are those typically observed.

Summary and Conclusions

Our experience with metacortandracin (Meticorten) in fifty-one severe bronchial asthmatic patients shows it to be a very potent drug for the temporary, symptomatic relief of bronchial asthma. In all but one instance satisfactory clinical control has occurred over the period of observation. However, as is the case with other steroids, relapse has been the usual experience when the drug is withdrawn. Hence, metacortandracin is not a substitute for specific etiologic management of the asthmatic patient. We have observed, however, a number of instances where this drug proved to be more satisfactory than other steroids or adrenocorticotrophic hormone in providing symptomatic relief of severe bronchial asthma. Undesirable side effects appear to be less frequent than with other hormones and dietary restriction has not been necessary with the low dosages employed by us. The period of observation is far too short and the number of patients observed is too few to permit final conclusions, particularly in regard to possible side effects from prolonged treatment.

Since preparation of this manuscript we have had an opportunity to substitute metacortandralone (Meticortelone) for metacortandracin (Meticorten) in seven patients. It would appear that

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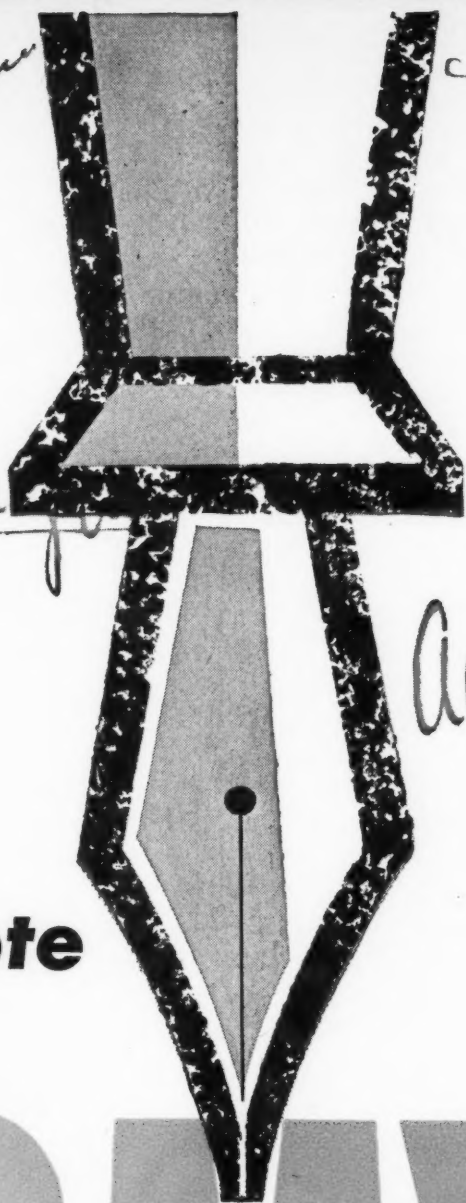
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Glandular Type Exophthalmos

By A. D. Ruedemann, M.D.

Detroit, Michigan

EXOPHTHALMOS, or proptosis, presents an exhausting study in differential diagnosis and when one uses all the knowledge now available, it still presents a most difficult problem. The first question is: is it a true exophthalmos or merely an edema of the lids? Edema of the lids is caused mainly by three conditions, the first of which is hypometabolism, the second is allergy and the third is hypertension. True lid edema is much more common than is exophthalmos and should be definitely ruled out before one puts the patient through studies for the cause of protruding eyes. When one can prove that it is an exophthalmos associated with the lid edema then two main questions present themselves. First, is it a bilateral exophthalmos or is it a unilateral exophthalmos? If it is a bilateral exophthalmos, it is usually due to some general condition such as hypermetabolism and/or hypometabolism, some general allergic state, or hypertension with orbital edema and associated hypermetabolism.

In general, one can exclude the glandular exophthalmos cases if only one eye is involved. Occasionally, however, one must take into consideration the fact that the one eye may protrude earlier than the other, or more than the other, and the exophthalmos be unequal rather than unilateral. As one reasons further in regard to the cause of the exophthalmos, the anatomical-physiological changes must be considered. First, is the exophthalmos due to a diminution in size of the orbit, or is it due to an increase in orbital volume, or thirdly, is there a combination of the two? Intracranial lesions do not as a rule produce exophthalmos unless they invade the orbit or cause pressure on the cavernous sinus or some other obstruction to the venous outflow. By far, the most cases of exophthalmos are produced by increase in orbital volume. This is usually brought about by increase in fluid volume within the orbit and not by increase in a true orbital tissue, except in the cases of new orbital growth.

The diagnosis of exophthalmos is produced by

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exclusion of all possible factors. Every available means at the physician's command must be used to make the definite diagnosis, and certainly no surgical interference should be attempted before one is positive or as near positive as can be in regard to the diagnosis. One does not explore the orbit unless it becomes absolutely necessary to protect the eye against loss.

The patients that we are discussing here, with so-called glandular exophthalmos, have a peculiar pathological physiology of the orbit in which there are several factors. First, there is the factor of overstimulation of the muscles when the levator palpebrae retract; however, this occurs only in those patients whose condition is due to hyperthyroidism; this is the "staring reflex." This levator retraction is only seen in cases of hypermetabolism or in cases with thyrotoxicosis, and also there are cases in which there is a mixed gland type of reaction. Sometimes preceding the levator retraction there is some excess tearing, this being the earliest eye sign seen, and it is brought about by an overstimulation of the lacrimal gland. The levator retraction may precede the exophthalmos by several months, and then the tissue of the orbit may slowly become edematous, and if the edema is present long enough, one gets some round cell infiltration followed by fibrosis with secondary muscle deviations due to the fibrosis of the muscles and fixation of the globe as to its position.

There are nearly thirty different eye signs associated with exophthalmos, most of them associated with the hyper group. A most important one for the ophthalmologist is that of convergence insufficiency which definitely interferes with the individual's ability to work and to concentrate and continue his occupation. This sign comes on rather early and may be present without any other eye signs of hyperthyroidism or hypothyroidism. It is extremely annoying to both the patient and the doctor because it is so difficult to treat. It persists long after thyroid treatment has been undertaken and frequently is not corrected at any time. This sign is frequently seen in people during the menopausal period and is the most persistent eye sign associated with general malaise as well as in exophthalmos. It is my studied opinion that much of the convergence insufficiency is due to a diminution sensitivity of the foveas as well as some edema of the ocular muscles including the ciliary muscle (accommodation).

The pathology within the orbits varies all the way from a low degree of protrusion to those in which the eyes are proptosed outside of the socket and lids. In repeated studies on the normal positions of the eyes within the orbit one gives them a very wide range of normal covering from an anterior posterior position of 14 mm. to that of over 20 mm. With Hertel's exophthalmometer we consider normal at 20 mm. and anything beyond that must be either due to high myopia or we begin to study patients for causes of the protrusion.

The cases we are discussing are those who have had previous hyperthyroidism that was treated or in some instances not diagnosed, who have been under treatment or may have had surgery, and/or because of the persistence and progress of the exophthalmos and most of the signs associated with it, must be reconsidered as they are the mixed gland type of exophthalmos. The purpose of this paper is not to discuss all the types of exophthalmos associated with glandular disease but the very special type that we have been studying over a period of some years, the so-called mixed gland type. In this combined study with Corrigan and McKean, we have been primarily interested in attempting to solve the progressive exophthalmos question, using our clinical changes as the primary reason for giving them a thorough study. All these patients, as we have studied them, are in trouble and this trouble has ranged all the way from a low-grade muscle instability with a slight loss of vision, to the individual whose vision went down to moving shadows with terrific exophthalmos and disc edema. There are numerous possibilities all of which are not present in the same individual.

One of the patients is Mrs. A. F., who had exophthalmos and a muscle error with edema of the orbit and the lids. The edema of the lids is definitely improved under treatment, as is the muscle error, and only a slight degree of exophthalmos has remained.

Mrs. B. D., who was sent to me because of vertical diplopia, required surgical interference with diplopia, but her general condition is so improved that she has entirely recovered from her previous nervousness and irritability, and her eyes are nearly normal in position.

Mrs. C. L., whose exophthalmos was rapidly progressive after her husband had returned to the Air Force, was definitely benefited by radioactive iodine and when last seen was entirely comfortable under treatment for her low thyroid activity.

Mrs. P. V. had marked exophthalmos with edema of the lids, convergence insufficiency, edema of the optic nerves with loss of vision down to moving shadows. It was necessary to do orbital decompressions in her instance, and since then she has recovered most of her sight as well as general control for her exophthalmos and convergence insufficiency.

Mrs. A. S. had an anterior posterior position in each eye of nearly 27 mm. with definite lid edema. She has been put on treatment with an excellent recovery.

We have now studied over thirty-odd cases of this mixed glandular type of exophthalmos and are satisfied that the method of therapy is a marked improvement over that we had previously tried. A great deal of the credit reflects on Corrigan and McKean, who with differential diagnosis and treatment have studied and treated these patients.

In summarizing this group of cases, certain definite factors should be revealed. (1) The exophthalmos is due to edema with some associated muscle involvement such as levator retraction. (2) These are all mixed gland type of exophthalmos; those of true thyrotoxicosis and those of hypermetabolism have been excluded. (3) In my experience I have never seen a case of exophthalmos caused by any type of pituitary lesion whatsoever; this includes acromegalia and all the other types of tumors and conditions associated with the pituitary gland. (4) This mixed gland type may occur in people who have not had a thyroidectomy and at no time during their career have they been aware of any thyroid involvement. Finally, in this mixed gland group the progression of the exophthalmos may be due to lack of control of the thyroid or lack of thyroid, as well as being an overstimulation due to the small islands of hyperactivity. It is the first time in my experience that we have had something to offer these people who are suffering from low degree of progressive exophthalmos as well as the other distressing eye signs that accompany it.

Use of Compound F in Common Lesions of the Upper Extremity

By Carl E. Badgley, M.D.
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ANATOMICALLY isolated soft tissue lesions, occurring in the upper extremity particularly, have been recognized clinically for a long time. Unfortunately, the knowledge of these lesions was limited to a very few. Localized pain and discomfort associated with limitation of function in the proximity of a major joint has been the chief symptomatology, usually associated with sharply localized tenderness at an anatomical site.

In the past, these symptoms were generally regarded as evidence of a type of arthritis or were very commonly thought to be of neuritic origin. The present-day term "hand-shoulder complex" with the symptoms of pain and discomfort in the shoulder and radiating throughout the arm associated with swelling and diminished function of the hand led easily to such a concept of the etiology.

Throughout the years, however, various observers have carefully studied pain and discomfort in the upper extremity. Surgical and anatomical study have led to the recognition of a series of anatomically located lesions. The etiology and pathology of these abnormalities have been demonstrated. *The unknown has become the known.*

In the years of the domination of Billing's concept of focus of infection theory, this group of patients suffering from this series of disorders were frequently the victims of tonsillectomies, teeth extractions, and even cholecystectomies and appendectomies.

The tricks of the cultist of laying on the examining hand at the site where the patient complained of pain, and localizing a tender spot (which served to convince the patient that he knew his difficulty) was rarely done by the medical man, secure as he was in his questionable concept of a hidden focus of infection. The relief of pain afforded by manipulative procedures was based upon the entirely faulty concept of the bone setter of a part out of joint, giving the cultist a distinct boost in the mind of a patient already distressed by the loss of teeth or tonsils without relief of

symptoms. The relief that the public has obtained from manipulative and local therapy to the affected part has convinced them of the value of such procedures.

In 1930 or thereabouts, we presented to the Traverse County Medical Society a paper with the title "A Group of Allied Conditions Occurring in the Upper Extremity Commonly Regarded as Arthritic or Neuritic in Origin." The interval of time has definitely established the accuracy of the classification of the lesions discussed at that time. A few additional lesions, particularly the result of calcification appearing in many locations, can be added to this list.

These soft tissue lesions may be classified roughly into three main categories:

1. Tenovaginitis.
 - A. Trigger finger-trigger thumb.
 - B. Radial stylalgia-de Quervain's disease.
2. Bursitis.
 - A. Radiohumeral bursitis-tennis elbow.
 - B. Subdeltoid bursitis.
3. Calcification.
 - A. Shoulder.
 - (1) Supraspinatous.
 - (2) Supscapularis.
 - (3) Any part of musculotendinous cuff.
 - B. Insertion of deltoid.
 - C. Radiohumeral bursa.
 - D. About the wrist in soft tissue in various areas.

Tenovaginitis occurs as a rule at an anatomical site where interference of function of the sliding mechanism of the tendon might occur. It is usually found in the tendon sheath at the superior edge of the ligamenta vaginalia in the palm flexors and at the first thumb crease in the long thumb flexor. Their fixed structures and abuse or overuse undoubtedly produce a traumatic inflammation. A synovitis with increased fluid and fibrin deposit, later organizing and producing a local stenosis of the tendon sheath, results. This constricting ring of the tendon sheath tends to produce a bulbous swelling of the tendon proximal to it. Thus, when the finger is extended, the enlargement of the tendon must pull through the stenosed area of the sheath. This is done with a snap, often with pain, hence, the name trigger thumb or finger.

De Quervain's disease or radial stylalgia is produced beneath the annular ligament in the synovial sheath of the abductor and short extensor of the thumb. Frequently a third tendon is formed

here which is a definite factor in the production of the lesion.

In the early formative stage of the lesion, rest with appropriate splinting, allowing motion a few times daily, may correct the process. In the chronic form, surgical incision or excision of the tendon sheath can be done very successfully.

We have not, however, until now, had any specific treatment, in the stage of inflammation before stenosis has occurred.

It has been demonstrated by numerous investigators in the last three years that hydrocortone acetate, compound F, has a very beneficial effect upon non-specific inflammation of the tendon sheath. Cyriax and Troisier³ reported in 1953 that hydrocortone in contact with the fibrous tissue lesions of tendons, ligaments, and joint capsules exerts a strong anti-inflammatory reaction. Lesions of tendons produced by trauma or overuse can be cured outright. Numerous others reported upon the value of hydrocortone in 1953.^{5,7} We will not discuss here its distinct value in osteoarthritis. Duff et al⁴ have written in detail about the value of this drug in their experience in osteoarthritis.

We have been amazed at the prompt and frequently complete relief of symptoms by injection of compound F into the tendon sheath in the early cases of stenosing tenovaginitis. The prognosis for recovery without operation is good in the early stages. Early ganglia, really outpouchings, usually from the joint capsule, so far have had relief of pain and have disappeared. They may return. The chronic thick walled ganglia will still come to surgical excision in all probability.

The amount of cortisone injected is usually 25 to 40 mg. Repeat the injection in one to two weeks. If symptoms are not improved sufficiently in four injections, other therapy is indicated. Surgical excision is the usual means of a cure.

Tennis Elbow—Bursitic Radiohumeral Bursa—Epicondylitic Humeri

Usually one can sharply localize an area of tenderness just between the head of the radius and the external epicondyle of the humerus. The patient has pain and discomfort, difficulty in tying his tie, holding a cup of coffee, lifting by dorsiflexion of the wrist, shaking hands, et cetera.

Osgood et al demonstrated a fairly constant lesion between the superficial and deep tendinous

origins of the extensor mechanism of the forearms. Although usually a self limiting lesion, which recovers spontaneously after two to three years, it interferes sufficiently so that relief is most welcome.

Novocaine injections have been permanently helpful in some. Others have had relief with x-ray therapy. None, however, have had the amazing and really brilliant success that is produced by local injection of compound F. More than one injection is required only infrequently. There may be severe pain at first lasting twenty-four hours. As a rule the symptoms are permanently relieved after this.

Subdeltoid Bursitis

Bursitis of the shoulder occurs frequently without any evidence of calcification. Calcification of the supraspinatous tendon often cures itself spontaneously, however, by rupturing through the floor of the bursa and producing a bursitis which may disappear without persistent symptoms or may produce a persistent bursitis.

Bursitis of the subacromial area may be associated with an extensive lesion called adhesive tendinitis and capsulitis. The biceps tendon may develop a tendinitis associated with capsular inflammatory changes. Severe shoulder pain and marked limitation of motion may develop, which not infrequently results in the fixed shoulder called periarthritis of the shoulder.

Negative x-rays serve to eliminate calcification as the primary factor in these cases, and the signs of a painful fixed shoulder without arthritis clinches the diagnosis. In the early phase of therapy in the past, it has been essential to establish rest for the shoulder, preferably by traction. Manipulation of the shoulder in this phase of activity often served to increase the irritability and fix the shoulder. It is in this early phase of the lesion that compound F may quickly alleviate the pain and discomfort and allow early return to function and full motion. Usually, however, by the time the patient visits the doctor firm adhesions have resulted.

The treatment of adhesions has been debated by clinicians with advocates of the manipulative procedure and strong antagonists to such a method of therapy. One author of a text on the shoulder states dogmatically that manipulation of the shoulder should never be performed. He is correct

if it is done without regard for other structures. Forcible manipulation in one sitting, breaking up adhesions, can produce many catastrophies, even to a complete brachial plexus palsy.

On the other hand, manipulation done under complete anesthesia, gently forcing the muscles to relax, can be felt to break up the soft adhesions. If you cannot gain motion, never use force, but repeat the procedure under anesthesia as often as five manipulations at about three days apart. With pentothal sodium the patients do not object to this multiple procedure. The adhesions soften so that eventually, usually by the third manipulation, the adhesions tear gently like tissue paper.

I have seen, as a result of powerful, forceful manipulation of the shoulder, five cases of dislocation of the shoulder associated with more or less extensive brachial plexus palsies. These are the result usually of inadequate anesthesia with the patient's own muscles reacting against the operator's force, producing dislocation, or the result of a tear of the capsule by the force of the manipulation with a resultant dislocation, pressure, and hemorrhage about the nerve structures.

Compound F injected into the subdeltoid and musculotendinous cuff area has been reported as very successful following manipulation of the shoulder by Stein and Stein. The cortisone apparently suppresses reformation of adhesions, as Carstam¹ demonstrated in rabbit experiments on the tendo Achilles. Periarthritis in itself has not responded alone to cortisone after well-formed adhesions have developed, according to the usual findings reported in the literature.

Calcification of the supraspinatous tendon or other musculotendinous cuff structures occur with great frequency. It has been demonstrated in 25 per cent of some 6,000 people studied for life insurance examinations.

Calcification

Calcification can occur in the fibrous tissue particularly at tendinous attachments to bone, such as the attachment of the deltoid to the humerus, the gluteus maximus to the femur, the gluteus medius to the trochanter. Calcification also can occur within or about the tendon.

Calcification in itself is not painful. It can lie in the capsular or tendinous structures and be completely asymptomatic. When, however, extracellular fluid softens and distends the calcification,

a structure under tension very much like a boil develops. Severe pain is associated with this marked increase in pressure and size due to fluid increase. Spontaneous rupture allows the calcification to exude and ultimately disappear. Relief of symptoms when this occurs is dramatically immediate. This is nature's method of spontaneous cure.

Frequently, however, this spontaneous cure is incomplete, as only a portion of the calcium is extruded, and repetition of the process can then occur. Aspiration of the calcium by needling can also give relief which may be permanent or may recur.

For this reason, we have usually preferred excision of the calcification and included tissue. Complete relief without recurrence has been the rule in our cases following operational excision.

Cortisone acetate at the time of surgery seems to lessen the postoperative pain, and the use of cortisone postoperatively has seemingly hastened the return to early function in the few cases in which we have employed it.

In conclusion, there is a group of lesions occurring in the extremities which are anatomically located in tenosynovial areas. Overuse or trauma tends to produce an inflammatory lesion which produces pain and discomfort and disability. Early recognition of these lesions can be made readily in the early phases of irritation by the knowledge of these anatomical clinical syndromes. Compound F injected locally into the inflammatory tissue has been demonstrated experimentally and clinically to be of real value in reversing the process of inflammation and adhesions formation and restoring the part to normal. The earlier the diagnosis can be made, the more responsive the tissues will be to the treatment. It would seem logical to presume that many of the lesions recognized early might respond to compound F alone. Surgery might be avoided by this early therapy.

The patient with early symptoms must learn to consult his physician. The relief of the symptoms of these lesions is so dramatic, and the diagnosis so accurate, that the patients are profoundly impressed. This should lead the patients to seek early treatment and to inform others of the value of early medical care.

The compound F is no panacea but so far it seems it has definitely been a distinct aid in the

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Cortisone as an Adjunct in the Surgical Treatment of Suprasellar Cysts

By Edgar A. Kahn, M.D., Holbrooke S. Seltzer, M.D., and John S. Tytus, M.D.

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THE close anatomical relationship of most suprasellar cysts* to the hypothalamus is believed to be the cause of the high mortality associated with their surgical excision. In a series of fifty-one consecutive cases reported in 1949 by Gordy, Peet and Kahn,¹ the operative mortality was 41 per cent.

It was believed that this almost forbidding mortality resulted from damage to the hypothalamus. We now believe that an equally important factor is that of long-standing direct pressure effect on the pituitary gland itself.

Patients in whom the anterior lobe of the pituitary gland has been compressed with resultant hypopituitarism are a poor risk for any type of surgical procedure. They may die of adrenocortical collapse either during or shortly after an operation. Even in patients without preoperative evidence of hypopituitarism, removal of a craniopharyngioma may necessitate extension of the dissection into the sella turcica with resultant damage to the hypophysis. This may lead to loss of endogenous adrenocorticotrophic hormone upon which survival depends.

By the use of cortisone preoperatively and postoperatively, the physical effects of operative trauma to the hypothalamus and pituitary gland seem to be counteracted to a large extent, for our immediate postoperative results are vastly improved. We believe, therefore, that acute and chronic anatomic injury to the hypothalamus and pituitary gland can be counter-balanced by metabolic changes resulting from the administration of cortisone.

We are reporting a series of twenty-two patients all operated upon by one of us (E.A.K.) since 1936, with attempted total excision of the tumor

when it was deemed possible. Since there has been little change in operative technique over this period of time, it is our opinion that the greatest variable affecting the markedly improved postoperative survival has been the use of cortisone. With this drug it has been possible to prevent postoperative adrenocortical failure and to combat hyperthermia effectively, which in itself may cause death. With the reduction in postoperative complications that the administration of cortisone has permitted, total extirpation of these tumors should be attempted in many more cases.

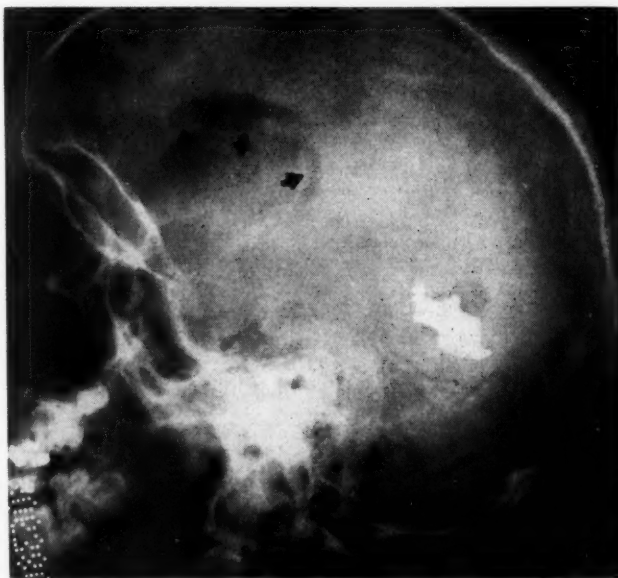


Fig. 1. Ventriculogram from Case 8 in Table I. Arrows show elevation and filling defect of left lateral ventricle resulting from huge suprasellar cyst (infundibuloma). This cyst wall was totally removed but some solid tumor was left within the sella turcica.

In 1952 Ingraham, Matson and McLaurin² reported good results with the use of cortisone in operations upon five patients with craniopharyngiomas and with ACTH in another patient. These operations, however, were in general not as radical as those we have attempted. Raaf, Stainsby, and Larson³ in 1954 reported on eighteen consecutive patients with tumors in the region of the sella turcica who were prepared for operation with ACTH. There were no deaths in this series, though in the only two craniopharyngiomas total removal was not carried out.

Operative Results

Fourteen patients were operated upon before cortisone was being used on the Neurosurgical Service.⁴ Four showed definite signs of hypo-

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*By suprasellar cysts are meant the craniopharyngiomas or adamantinomas and the much rarer cysts in the sellar region, such as the infundibuloma.

pituitarism and all died within twenty-four hours postoperatively of circulatory collapse and/or hyperthermia. Of the ten patients who did not have definite signs of hypopituitarism, three died

one cannot assay the presence or absence of growth hormone in an adult, just as one cannot determine clinically the status of the gonadotrophic sphere in a prepubertal child. In addition, evalua-

TABLE I. POSTOPERATIVE RESULTS, SUPRASELLAR CYSTS PREPARED WITH CORTISONE

Age and Sex	Date of Operation	Estimated Removal of Tumor	Maximum Rectal Temperature	Follow-up
1. 2 M (probable hypopituit.)	1951	Complete	101.6°	Diabetes insipidus 1 month. Alive and well. Preoperative blindness continues.
2. 17 M (hypopituit.)	1951	Incomplete	102.8°	Diabetes insipidus 1 month. Died 3 months later. 3 days p.o. recurrence in spite of preparation with cortisone.
3. 2½ F (? hypopituit.)	1951	Complete	102.4°	Diabetes insipidus persists. Alive and well.
4. 4 F	1952	Incomplete	103°	Died 2 months later in circulatory collapse 4 days p.o. Torkildsen procedure for recurrence. Not prepared with cortisone at this time.
5. 11 M	1954	Complete (?)	102°	Diabetes insipidus. Alive and well.
6. 4 F (probable hypopituit.)	1954	Complete	102.8°	Well 6 months. Died unexpectedly, ? hypoglycemia.
7. 13 M	1955	Incomplete	101.6°	Diabetes insipidus. Alive.
8. 11 M	1955	Incomplete (tumor infundibuloma)	103°	Alive and well.
9. 10 M (hypopituit.)	1955 (reoperation)	Incomplete	103.6°	Blind. Doing well otherwise.

of circulatory collapse in the first forty-eight hours with temperatures of 108°, 106.4°, and 103.6°, respectively.

Of the nine patients treated preoperatively and postoperatively with cortisone, one died in hyperthermia following an unwise second attempt to remove a tumor which was adherent to the wall of the third ventricle. The highest recorded rectal temperature in the eight surviving patients was 103.6° and this lasted but a short time.

Endocrinological Aspects

Extirpation of the anterior lobe of the normally functioning pituitary gland abruptly interrupts secretion of four important hormones, each of which stimulates its specific "target organ": (1) somatotrophic or growth hormone, (2) the gonadotrophic hormones (follicle stimulating hormone, luteotrophic hormone and luteinizing hormone), (3) thyrotrophic hormone, and (4) adrenocorticotrophic hormone. Lack of trophic hormone secretion is signaled clinically by subnormal function of the target organ, and if all trophic spheres are involved a state of pan-hypopituitarism exists. It should be noted that

tion of adrenocortical status is frequently inconclusive in children because of practical difficulties in obtaining accurate urine collections and because urinary steroid values are low even in normal children. It should also be emphasized that the eosinophil response to a test dose of 25 milligrams of intramuscular aqueous ACTH is not a reliable criterion of adrenocortical reserve, since this minimal stimulus may cause an entirely normal eosinopenia even though there actually exists dangerous incapacity of the cortex to respond to the major stress of surgery.

Of practical importance is the fact that, when decrease in anterior lobe function is gradual rather than abrupt—which may occur if a neoplasm either directly invades the adenohypophysis or causes atrophy by external compression—evidence of target organ deficiency usually appears in a selective and teleological sequence. *The trophic hormones least necessary for survival disappear first, while the one most vital for survival is the last to go.* Thus, growth hormone and gonadotrophic hormones disappear first, thyrotrophic hormone next and adrenocorticotrophic hormone last. In patients with suprasellar cysts, therefore,

one frequently finds delayed somatic growth, arrested sexual maturation, and manifestations of hypothyroidism, but with apparently intact adrenocortical function and reserve. On the other hand, if there is evidence of adrenocortical insufficiency there are usually deficiencies in all other trophic spheres as well.

However, even if all preoperative data indicate entirely normal function of the adenohypophysis, one should not depend upon the continued integrity of the pituitary-adrenal axis in the precarious postoperative period. Preparation with the adrenosteroids of patients with suprasellar lesions is still advisable for two reasons:

1. Unless time-consuming tests of adrenocortical reserve are done, one cannot be sure that an apparently intact pituitary-adrenal system will be capable of responding normally to the stress imposed by surgery.

2. In order to achieve gross total removal of the neoplasm it may be necessary to damage the adenohypophysis. Adrenocorticotrophic secretion could cease as of that moment and adrenocortical collapse might occur within twenty-four hours.

Summary

A series of twenty-two patients with suprasellar cysts (twenty-one craniopharyngiomas and one infundibuloma) is presented, in all of whom gross

total removal of the tumor was attempted by the same surgeon. Nine of the cases received intramuscular cortisone before and after surgery.

Six of the fourteen patients who were not given cortisone died within forty-eight hours of their craniotomy either from hyperthermia or peripheral vascular collapse; and one patient had persistent hyperpyrexia and expired on the tenth postoperative day, a mortality rate of 50 per cent.

Eight consecutive patients treated preoperatively and postoperatively with cortisone, survived an initial attempt at extirpation of a suprasellar cyst; one survived radical reoperation. The highest temperature recorded in these nine instances was 103.6°

One patient died at reoperation in hyperthermia in spite of cortisone as an adjunct to the procedure.

References

1. Gordy, P. D., Peet, M.M., and Kahn, E. A.: The surgery of the craniopharyngiomas. *J. Neurosurg.*, 6:503-517, 1949.
2. Ingraham, F. D., Matson, D. D., and McLaurin, R. L.: Cortisone and ACTH as adjunct to surgery of craniopharyngiomas. *New England J. Med.*, 246:-568-571, 1952.
3. Raaf, J., and Stainsby, D. L.: The use of ACTH in conjunction with surgery for neoplasms in the parasellar area. *J. Neurosurg.*, 11:463-478, 1954.
4. Tytus, John A., Seltzer, H. S., and Kahn, E. A.: Cortisone as an aid in the surgical treatment of craniopharyngiomas. To be published in *J. Neurosurg.*

SEVERE BRONCHIAL ASTHMA

(Continued from Page 1083)

metacortandralone has the same metabolic and clinical effects as metacortandracin and may be substituted one for the other in the same dosage range.

References

1. Arbesman, C. E., and Richard, N. B.: Prolonged cortisone and hydrocortisone therapy. *J. Allergy*, 25:306-311 (July) 1954.
2. Arbesman, C. E., and Ehrenreich, R. J.: Meticorten and 9 alpha fluorohydrocortisone in the treatment of allergic disorders. *J. Allergy*, 26:189, 1955.
3. Barach, A. L.: Metacortandracin in bronchial asthma, pulmonary emphysema and pulmonary fibrosis. First International Conference of Meticorten and Meticortelone, Hotel Roosevelt, New York, May 31, June 1, 1955.
4. Brown, E. A.: Comparative studies of meticorten and cortisone in allergic disorders. First International Conference of Meticorten and Meticortelone, Hotel Roosevelt, New York, May 31, June 1, 1955.
5. Bunim, J. J.; Petchet, M. D., and Bollet, A. J.: Studies on metacortandralone and metacortandracin in rheumatoid arthritis. *J.A.M.A.*, 157:311, 1955.
6. Burrage, W. S., and Irwin, J. W.: The role of cortisone in the treatment of severe bronchial asthma. *New England J. Med.*, 248:679-682 (April 16) 1953.
7. Rose, B.: Clinical and metabolic effects of meticorten in allergic states. First International Conference of Meticorten and Meticortelone, Hotel Roosevelt, New York, May 31, June 1, 1955.
8. Schwartz, E.: Metacortandracin (Prednisone) in bronchial asthma. *J. Allergy*, 26:206, 1955.
9. Sheldon, John M.: Experiences with meticorten in severe bronchial asthma. First International Conference of Meticorten and Meticortelone, Hotel Roosevelt, New York, May 31, June 1, 1955.
10. Skaggs, J. T.; Bernstein, J., and Cooke, R. A.: Metacortandracin in chronic asthma, *J. Allergy*, 26:-201, 1955.

Surgical Treatment of Patients with Jaundice

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I AM SURE that you are aware that there are three kinds of jaundice: (1) hematogenous, due to abnormal destruction of red blood cells; (2) hepatogenous, or hepatocellular, due to disease of liver cells which renders them unable to remove all pigment from the blood; and (3) obstructive, due to reabsorption of pigment after it has been excreted by the liver cells into the bile ducts.

Hematogenous jaundice is generally easy to recognize, and therefore presents no problem in differential diagnosis. In addition it does not usually require surgical treatment, and it will not be discussed further at this time. On the other hand, hepatogenous jaundice and certain types of obstructive jaundice may mimic one another so closely that differential diagnosis may be quite difficult. Nevertheless it is important to make a differential diagnosis because patients with hepatogenous jaundice should not be operated upon, for operation is of no value to them and may even be harmful, while obstructive jaundice nearly always requires operation.

How then does one make the differential diagnosis? First, by careful history, because certain types of obstructive jaundice may be diagnosed fairly accurately by history alone, e.g., typical stone in the common duct, with chills, fever, cramping abdominal pain, nausea, vomiting and jaundice, or stricture of the bile ducts in which the history reveals known injury to the ducts or a previous repair of a stricture.

Second, by physical examination. This is usually not of much help, unless there is an enlarged gall bladder palpable through the abdominal wall. One never sees a distended gall bladder in hepatogenous jaundice, because not enough bile is secreted in such a condition to distend the gall bladder. It is however, the classical picture in ob-

structive jaundice due to tumor of the head of the pancreas or of the ampulla of Vater.

Third, by a series of liver function tests. There are a whole battery of these, and the combined findings constitute what is called "the liver profile." Which of the many tests are of most importance? In our clinic we make use of the following ones:

1. Serum bilirubin—the quantitative Van den Bergh. The report is returned in mg. per cent of the "direct" and of the "indirect" reaction. The "direct" component is supposed to represent the jaundice due to obstruction and the "indirect" the part due to hepatogenous jaundice. While there is some question as to the absolute validity of this conception, when the clinician sees a marked preponderance of one over the other, he can regard this finding as significant.

2. A group of flocculation and turbidity tests—the cephalin flocculation, the thymol flocculation and turbidity, and the $ZnSO_4$ turbidity. These are reported as negative or as 1+, 2+, 3+, et cetera, or in units. One should memorize the normal values for each in order to be able to evaluate them. In general, all these tests should more or less parallel one another—they show as negative or as low values in the absence of hepatic disease but show elevated values in hepatocellular injury.

3. Serum alkaline phosphatase. Many factors may alter this level. Normal values are 3 to 5 Bodansky units. In hepatocellular jaundice this may rise to a magnitude of 7 to 10 units. In high grade obstruction, however, it may go to quite high levels, 18 to 20 even above 30 units. We regard 10 units as a rather critical level dividing hepatic from obstructive jaundice. It is of practical importance to remember that if the flocculation and turbidity tests are low or normal, and the alkaline phosphatase is above 10 units, the jaundice is probably obstructive.

4. The prothrombin time. In prolonged jaundice due either to liver disease or obstruction this always drops. However, its reaction to therapy with vitamin K is of some diagnostic significance. In obstructive jaundice there is usually a prompt return to normal when vitamin K is given. A slow or negative response may be obtained in hepatogenous jaundice.

5. Total lipids and ester fraction are of some interest but seldom have they seemed to me to be very helpful.

6. Urobilinogen in the urine and stools. This may be of great importance in certain cases. It would take too long to outline the circulation of urobilinogen, but it is of practical importance to know that total absence of it in the urine indicates that no bile is getting into the intestine. If this finding is constant it is strongly suggestive that there is a tumor compressing the lower end of the bile ducts.

When we evaluate all these tests we often get a clear-cut picture of either obstructive or hepatogenous jaundice. Not infrequently, however, the various tests may seem to be contradictory, some of them pointing in one direction, and others in

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the reverse. Then we may speak of a "mixed" jaundice and I believe it is easy enough to see how this can exist. For example, in hepatocellular disease, there may be enough swelling and edema of the liver tissue so that there may be some element of obstruction of what little bile is formed, especially in the smaller ducts. In obstruction, if it is of long duration or if it is associated with ascending inflammation of the ducts, it is not difficult to imagine that cellular disease is superimposed upon obstruction, thus giving the "mixed" reaction. In such circumstances it becomes the duty of the clinician to assemble all the information available to determine whether the primary disease is obstructive or due to cellular damage.

Of help in making such a decision we believe is the use of needle biopsy of the liver. Dr. Leon Schiff and his associates in the department of medicine have been using this procedure at our institutions and have now accumulated an experience with more than 1,000 examinations. When used with suitable precautions, we believe this method is safe and very helpful. The helpfulness depends to a large extent on the accuracy of the pathologic interpretation of the tiny specimen. With the large number of examinations we now have, which have been correlated with findings at operation or autopsy, or clinical progress in certain cases, we have come to regard with confidence the report returned by our pathologists.

One other new method, still in the experimental stage, is the use of Cholegrafin or Biligrafin. This material when injected intravenously is excreted in the bile in sufficient concentration to cast an x-ray shadow of the ducts. We have used this material in a relatively small number of cases, and our films never have been as clear or definite as those published by the drug firm selling the product. One really should not expect too much of this method in high grade jaundice either cellular or obstructive. However, if a dilated common duct can be demonstrated, it would be indicative of obstruction.

Once the differential diagnosis is made, and I believe this is the joint responsibility of the medical man and the surgeon, and the jaundice seems to be due to obstruction, it is desirable from the point of view of the surgeon that further differentiation be made as to the probable cause of the obstruction. While there are many different causes of obstruction there are three main ones:

(1) stone in the ducts, (2) tumor in the ducts or of the pancreas compressing the ducts, (3) stricture of the ducts. I would like to discuss each of these separately.

Stone in the Common Duct

There is usually a history suggestive of gallbladder disease. Pain is a prominent symptom and is likely to be severe, cramp-like and intermittent. Jaundice also is as a rule intermittent. The classic picture of stone in the common duct is that of a patient with Charcot's intermittent fever, which may be described as follows. The onset is sudden with a chill, which is accompanied by pain in the epigastrium and frequently by nausea with or without vomiting. Fever rises rapidly often to 102° to 103°. The pain usually radiates around to the back. The attack persists for a variable period of time from thirty minutes to several hours, and then subsides rapidly. The fever drops and the patient makes a dramatic recovery. Some six to twelve hours later, it is noted that the patient is jaundiced. Such attacks may be repeated with free intervals of from one to several days in between. The temperature chart looks something like that of a patient with malaria except that there is no regularity or periodicity. This group of symptoms is usually produced by a solitary, round stone in the common duct—a stone which is too small to block the duct until it gets to the narrow part near the ampulla. There it acts like a ball valve. The bile is then dammed back into the liver, producing the pain and nausea. The bile is usually infected, and this sets up an ascending cholangitis which accounts for the chill and fever. The jaundice cannot be recognized until the obstructed pigment has had a chance to stain the tissues. The attack subsides when the stone slips back up into the wider part of the duct, allowing the bile to flow past it into the bowel. From a practical point of view, the combination of intermittent pain, chills and fever, followed by jaundice means almost surely that the patient has a stone in the common duct.

Like almost everything in medicine, this classic picture is not always presented. In some patients we find the so-called "silent" stone in the common duct. This descriptive term is used in those patients who have a painless or relatively painless jaundice due to stone; i.e., the stone is "silent" so far as pain is concerned. Another group of patients with stones in the common duct may have

relatively insignificant symptoms and perhaps no jaundice or very slight jaundice. In such instances there may be found multiple faceted stones filling the common duct. The reason for the lack of symptoms is that the stones are relatively fixed in position, and the bile flows freely in channels around and between them. Finally, there is the patient who starts out with pain, chill and fever just like the Charcot intermittent fever, only in this case, the stone does not become dislodged and the attack persists. The fever and the jaundice rise progressively and within twelve to twenty-four hours the patient is extremely ill, toxic and often delirious or semi-comatose. Such cases are, I believe, acute surgical emergencies demanding prompt opening and drainage of the common duct.

The treatment of patients with stone in the common duct, should be, I believe, as follows: If the attacks are intermittent, try to operate in an interval between attacks if possible. It is usually wise to give vitamin K for several days prior to operation. If chills and fever have been present, antibiotics should be used also. At the time of operation, the surgeon should be prepared to do an operative cholangiogram, though in many instances this is not necessary, because the presence of a stone or stones can be determined by palpation and other methods. I personally do not use operative cholangiogram routinely. However, I think every surgeon should familiarize himself with the method and have the proper equipment and technical help from radiology and from the anesthetist, to allow good pictures to be made. This usually requires actual experience in the operating room in order to avoid all the pitfalls which may lead to an inaccurate or confusing interpretation.

The technical details of how to best assure detection and removal of all stones in the common duct can also be learned only by actual experience in the operating room. Care in manipulations is essential in order to avoid trauma to the duct. Careful palpation of the duct over a probe, washing the duct repeatedly with warm saline solution, et cetera, are important methods. I like to dilate the ampulla moderately—say up to 5 to 6 mm. before concluding the procedure. After the duct is presumably clean, it is desirable to drain it either with a T-tube or by a straight catheter inserted through the cystic duct if this can be done. A cholangiogram can then be made and the closure of the abdomen started while the film is being developed.

Tumors of Ducts or Pancreas Compressing the Ducts

These are considered together because they produce in general the same clinical picture though their treatment may be different. In general, the clinical syndrome is one of a painless or relatively painless jaundice which is progressive in character. The classical picture is presented when in addition there can be palpated a large, distended, but painless gall bladder. Since progressive painless jaundice may also occur with hepatocellular disease, it is these cases that may present the most difficult problem in differential diagnosis between obstructive and hepatogenous jaundice. The finding of a large gall bladder in conformity with Courvoisier's law is therefore of tremendous value and is a positive indication that the jaundice is obstructive. It is in these cases of tumor that complete absence of urobilinogen in the urine is likely to develop as the disease progresses. X-rays may be helpful in differentiating between cancer of the head of the pancreas and cancer of the ampulla of Vater, by careful study of the appearance of the duodenal loop. In general, it has been my experience that cancer of the pancreas is more likely to be associated with pain than is ampullary cancer. One other point of some value is that ampullary lesions usually show occult blood in the stools while this is absent in cancer of the pancreas.

At exploration, after suitable preoperative preparation, the differentiation may be quite obvious. In cases of doubt, regarding the ampulla, I believe that duodenotomy should be performed, the ampulla inspected and frozen section obtained if necessary. If ampullary cancer is established, I believe radical resection of the entire duodenum, head of the pancreas, and lower end of the common duct should be performed, i.e., some modification of the operation devised by Whipple, Mullins and Parsons in 1938. This is best performed in one stage, with anastomosis of the common duct and the pancreatic duct into the jejunal stump proximal to the gastro-jejunostomy. This operation has led to cure in a sufficiently large number of patients to justify its continued use.

In frank cancer of the head of the pancreas causing jaundice, I do not believe radical resection should be carried out. My own experience and that of my colleagues and associates has been most disappointing so far as cure by resection is concerned. None of our patients has survived more

than nine months, and the usual time is less than that. Actually a number of our patients with cancer of the pancreas have survived longer with palliative anastomoses than with resection. Anastomosis of the gall bladder or common duct to a defunctioned loop of jejunum (Roux Y procedure) plus a gastro-enterostomy has been used in these cases. The gastro-enterostomy is done in order to off-set possible occlusion of the duodenum by the enlarging pancreatic neoplasm.

Every now and then one is faced with the problem of a small firm mass deep in the head of the pancreas producing jaundice. If the jaundice is of high grade, this is almost certainly a cancer, either of the pancreas or of the common duct above the ampulla. Diagnosis may at times be established by opening the common duct and obtaining biopsy material with a scoop from inside the duct. In cases of doubt I believe radical resection should be undertaken for this type of lesion in the hope that the carcinoma originates in the duct.

Stricture of the Common Bile Duct

This is almost invariably preceded by an operation on the gall bladder or ducts, at which time the duct is either cut, clamped or ligated, though it may occasionally occur following a severe crushing injury to the abdomen. Three clinical pictures may be recognized.

1. Progressive painless jaundice begins six to eight weeks following an operation on the gall bladder. Often there may have been excessive bile drainage postoperatively, but this may have ceased, to be followed later by progressive painless jaundice. The lesion in such cases is probably due to clamping the duct without cutting or ligating it. The duct continues to function for some weeks until the clamped area is slowly but steadily replaced by scar tissue and complete obstruction develops.

2. External biliary fistula persists after surgery on the gall bladder or ducts. In these cases there may be no jaundice unless the fistula closes—then chills, fever and jaundice may develop—relieved by opening the fistula. Cholangiogram with radiopaque dye through the fistula may be very helpful in establishing the diagnosis and location of the stricture in such instances.

3. Symptoms are similar to common duct stone with cholangitis, i.e., pain, nausea, itching, chills, fever and jaundice. This symptom complex is most frequently seen in patients who have had one or more operations to repair a stricture with recurrence of an incomplete stricture. As a result of stasis and infection, small clumps of bile pigment precipitate out in the dilated proximal part of the duct, and these with or without accompanying mucous plugs may occlude the narrow opening and behave just like a stone blocking the ampulla. Such

attacks may be controlled for some time by the use of antibiotics, but eventually the stricture usually gets so tight that reoperation is necessary.

The treatment in all these types is reoperation after careful preparation with vitamin K and blood transfusions and antibiotics if indicated. Patients with external biliary fistula may be more depleted than those with jaundice for they have often lost electrolytes as well as fluid and any such imbalance should be corrected before operation.

I will mention only briefly some of the methods used for repair of stricture. The most essential and at times the most difficult part of the operation is to find the proximal, dilated portion of the duct. This can usually be found by following the lower scarred margin of the right lobe of the liver along the old gall-bladder bed. This usually has to be done by sharp dissection just keeping out of the liver substance. Colon and duodenum are often adherent here and the dissection is quite tedious. In the liver hilum the three important structures are the common duct, the hepatic artery and the portal vein, and of these the common duct is farthest to the right and also most superficial, therefore, if one keeps close to the liver and approaches the hilum from the right, the duct should be reached before the artery or vein becomes endangered.

The most desirable repair is end-to-end anastomosis of the proximal and distal ends of the duct. Cattell has pointed out that injuries to the common duct at operation almost always involve the part of the duct superior to the duodenum, and that by freeing the superior and right border of the duodenum and mobilizing it to the left, it is often possible to find the distal end of the duct behind the duodenum. In such case end-to-end suture over some form of removable tube is carried out.

If the distal end of the common duct cannot be found, it becomes necessary to anastomose the proximal end of the duct to the intestinal tract. This should be done by careful suture of the mucosa of the duct to that of the intestine either directly to the duodenum or by means of a defunctioned loop of jejunum (Roux Y procedure). There are proponents of both methods. Some surgeons are very critical of direct suture to the duodenum because of the hazard of ascending infec-

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Rheumatic Fever

A Critique of Recent Progress in Diagnosis

By Herman H. Riecker, M.D.

Ann Arbor, Michigan

THE diagnostic features of rheumatic fever as we learned them thirty years ago have changed gradually and are no longer pertinent to the recognition of the disease today.

Formerly an exudative disease, it now has become largely proliferative and insidious, but nevertheless a relentless and destructive process.

At present in most cases one must diagnose rheumatic fever by the signs of acute carditis. The exudative manifestations, so accurately described by older authorities, are seldom seen. They consisted of acutely inflamed joints, hyperpyrexia, hyperhydrosis, pancarditis, leukocytosis, chorea, and not uncommonly a fatal termination in the first attack. Today these features are present in but ten of 100 cases.

It is because of this fact that a relentless search is being made for a specific laboratory test to establish the diagnosis of rheumatic fever. It is unfortunate, however, that the present-day medical graduate is obliged to rely upon an examination of the patient, however arduous, in order to make a diagnosis of rheumatic fever. A carefully taken family and personal history, and month after month of bedside evaluation of the patient and the heart sounds, scarcely can be avoided. Experience becomes invaluable and laboratory findings of scant significance.

In an evaluation of the laboratory findings in rheumatic fever, I will refer to Dr. Leo Taran's recently published statistics in 100 consecutive cases.³ These effectively dispose of the value of laboratory tests, when compared with the evidence to be obtained by careful observation of the patient at the bedside, in the diagnosis of rheumatic fever. "Since only one-third of the cases had an elevated sedimentation rate at the time of admission, and all became normal within a short time, this test is of little use in the determination of active carditis."

From the Medical Staff of St. Joseph Mercy Hospital, Ann Arbor, Michigan.

Presented at the Collier-Pemberthy Clinic in Traverse City, August 26, 1955.

TABLE I

Egg	Per cent
Crude arrhythmia	2
Prolonged A-V conduction	17
Prolonged QTc	72
Abnormal P waves	27
Other changes	5
Blood and Urine	Per cent
Sedimentation rate (Above 12 mm./hr.)	35
Hemoglobin (Less than 12 grams)	32
White Blood Count (More than 10,000)	5
Urinalysis (Albumin and red blood cells)	19
Immunologic	Per cent
Antistreptolysin titre (More than 250 units)	80
Antistreptokinase (Over 1+)	69
Antihyaluronidase (Over 64 units)	31
C-Reactive protein (Over 1+)	7

The various immunological tests are listed in Table I. While the antistreptolysin titre seemed to offer some hope in the Taran series, the carditis continued unabated while the titre returned gradually to the normal level. The only definite correlation between the various tests was that of the age of the patient; the older the child, the more likely was there a rise in the streptococcus immune bodies.

The electrocardiogram in Taran's series proved much more helpful in that abnormal or notched P waves were present in 27 per cent of the cases, while variations in the PR interval almost invariably were present. It is my practice in hospitalized patients to take daily electrocardiograms, using the second conventional lead, in order to note variations in the PR interval, and in the character of the P wave.

To summarize the values of laboratory data, it is our experience that the hemoglobin level and the electrocardiographic changes are of considerable help in confirmation of a diagnosis already made by an examination of the patient and the family. It might be said that the hereditary features of rheumatic fever are of more importance in confirming a diagnosis than is the mass of laboratory data.

Clinical Findings

Austin Flint in 1854¹ described rheumatic fever as an affection of the joints, the "articular rheumatism" of younger people with a strong hereditary tendency. In 1880² he said, "An important feature of acute articular rheumatism is its tendency to invade certain of the structures of the heart. Endocarditis occurs in a considerable proportion of cases. It is, however, less frequent than has hereto

RHEUMATIC FEVER—RIECKER

TABLE II. CLINICAL MANIFESTATIONS
OF RHEUMATIC FEVER IN 100
CHILDREN ON ADMISSION

*Polyarthritits	2%
*Arthralgia	22%
*Myalgia	20%
Abdominal pain	32%
Epistaxis	39%
Personality changes	28%

*Not clear-cut in the mind of a child

TABLE III. DIAGNOSTIC MANIFESTATION
OF MILD CARDITIS

Tachycardia	83%
Labile pulse	53%
Progressive pallor	60%
Fatigue	40%
Metronomic rhythm	56%
Changing murmurs	86%
Cardiac enlargement	37%
Low grade fever	47%

fore been supposed." I quote Flint from the fifth edition of his textbook in order to contrast the viewpoint of 1880 with that of 1955 in respect to rheumatic fever.

In the absence of the time-honored rheumatic manifestations of rheumatic fever the diagnosis of carditis is our present-day problem. We are obliged to study the heart by every possible means. The tachycardia, labile pulse and tick-tock, metronomic, or tumultuous rhythm, low grade fever and finally the rheumatic fever pallor, are outstanding and characteristic findings in the usual case. Changing murmurs are most helpful as well as the changing intensity of the various heart sounds.

Fever, with a rapid pulse, the metronomic rhythm, and signs of heart failure, the anemia and gradually enlarging heart mean a prolonged course and poor ultimate prognosis. However, some of the most severe cases make an astounding recovery.

In general, it is a good rule not to make a diagnosis of rheumatic fever unless one can demonstrate the presence of carditis. Looking back to the time of Flint, this statement seems revolutionary. The character of the disease, or our ability to diagnose it, and perhaps both, have changed radically during the past seventy-five years.

Surgical Approach to Mitral Stenosis

Apparently a number of physicians have learned to recognize stenosis of the mitral valve, without however, having considered the life history of the disease and particularly the almost universal presence of pancarditis. Surgeons in certain medical centers have been interested in relieving the obstruction by an operation called mitral commissurotomy.

It is my impression that the ultimate usefulness of the operation will be severely restricted and that far too many cases already have been subjected to it, in an attempt to cure a relentlessly progressive

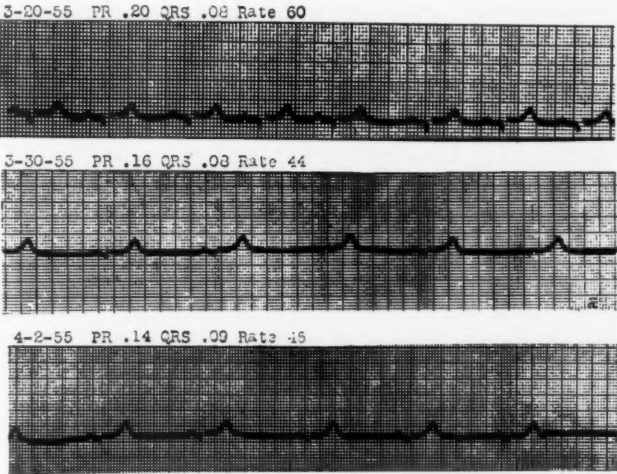


Fig. 1. Illustrating changes in the heart rate and P-R interval in the case of a thirteen-year-old boy with acute rheumatic carditis.

lesion of relatively minor importance in the total pathological picture of rheumatic carditis; in the majority of cases it is failure of the inflamed myocardium, rather than mechanical valvular obstruction, which leads to heart failure. The complications resulting from the operation are somewhat impressive:

1. Thromboembolism (5 to 10 per cent).
2. Reactivation of rheumatic fever (25 per cent).
3. Pericarditis.
4. Right heart failure.
5. Cardiac enlargement.
6. Major irregularities of the heart rhythm.
7. Gradual return of the original lesion.

Contrast these findings with the fact that after the age of forty-six, of the patients who have quiescent rheumatic valvular disease, 75 per cent live five years, and 58 per cent live ten years. These are the only cases which meet the recognized requirements for the mitral valve operation. However, the rheumatic activity seldom completely ceases, and is often measured by the life span of the patient. The Aschoff body may be found in microscopic sections of the myocardium for several decades after the initial attack. This finding is a specific indication of activity of the rheumatic process, as well as a prime contraindication to mitral commissurotomy.

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Cost of Medical Education

By Alexander G. Ruthven, Ph.D.
Ann Arbor, Michigan

IT IS at the written request of Dr. Collier that I am making these comments. There was at least one reason why I could not decline. After suggesting that I review some phase of my philosophy of education, he said in effect: I am now going abroad and cannot be reached.

Knowing that my remarks should be brief, I shall limit my discussion to a subject which should be of interest. I propose to discuss the cost of medical education as I have studied it during a long career as a teacher of biology and as a university administrator.

From my first years in college I have heard many many times complaints about the cost of making doctors. Criticisms have come from parents, educators, economists, and legislators. These have usually appeared to me as being naïve and unintelligent. Of course it costs more to prepare a doctor for service to society than it does to train a lawyer, a philosopher, an historian, or a specialist in English literature. Of course the cost of medical education can be reduced by shortening the training period, by engaging less expensive professors, by refusing to purchase improved teaching aids, and by discouraging research and postgraduate instruction. Of course we can have cheaper education, but only if we are willing to have a poorer product.

But I did not intend to discuss the obvious. One conclusion I have reached is that not only must our medical schools not spend less, but they should spend more on their programs. In this statement I am not referring to the need for new buildings, higher salaries, or more equipment, but to student aid. And by financial assistance to students, I do not mean scholarships, fellowships, and grants in aid, important as these are. It is my opinion that the education of college students is as much a public responsibility as is the teaching of pre-college boys and girls. In other words, I believe for good reasons that our colleges should charge no fees and in other ways attempt to reduce costs to the students. Ability and ambition to achieve success are not related to the economic status of parents. As every teacher knows, there are more potentially

good doctors among the young people who through no fault of their own are unable to go to college than are now being turned out by our medical schools.

Among the objections to my conclusion two strike me as little short of ridiculous. I have heard it argued that since doctors become wealthy within a few years after graduation, they should as students pay the entire cost of their training. There are several fallacies in this argument. If our doctors are making too much money, which of course they are not, it would make more sense to take it away from them after, instead of before, they have made it. It may be noted also that if the medical student should pay all of the cost of his education, so should all other college students, for some of the graduates of other schools are destined to become wealthy automobile executives, lawyers, bankers, or some other type of economic royalist.

Another objection to the conclusion that education throughout our school system is a public responsibility is expressed in the form of a trick question addressed to college administrators. It is sometimes asked: "How many youngsters do you know who are unable to go to college because of the costs involved?" The answer must usually be few if any. But the answer is really meaningless. If the question were presented to high school teachers and parents rather than to college presidents and deans, who are inclined to look at the educational scene through the wrong end of the telescope, the reply would be disturbing to many of those who like to think of the United States as a land of opportunity.

A legitimate question that can be asked of college professors, not of college executives, is: "Do not many students pay too high a price for their education?" The answer will usually be "yes," for it is becoming more and more difficult for the student to work his way through college, as the saying goes, without missing educational advantages which should be his.

My philosophy of education rests firmly on the belief that our society needs, for its successful operation, equality of educational opportunities. There are brains on both sides of the tracks. They should be fully utilized in medicine. We should seek for talent, not wait until it comes to our schools and, above all, we should not discourage ambition by creating economic barriers, even to de-

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Recent Advances in the Treatment of Pernicious Anemia

By Raymond W. Monto, M.D., John W. Rebuck, M.D., Ph.D., and James T. Howell, M.D.

Detroit, Michigan

PERNICIOUS anemia is a deficiency disease arising from the failure to absorb 1/1,000,000 of a gram of vitamin B₁₂ daily from the gastrointestinal tract.² This defect results in altered systemic cellular metabolism characterized clinically by a macrocytic anemia, gastrointestinal and central nervous system manifestations. When Minot and Murphy announced twenty-five years ago that pernicious anemia could be treated successfully with whole liver, this disease was removed from the category of uniformly fatal refractory anemias.⁹ Our understanding and hence our treatment of the illness has been refined until today the medical profession can count pernicious anemia as one of its therapeutic triumphs.

From Castle's analysis of pernicious anemia we think of this deficiency disease in terms of an extrinsic or food factor, an intrinsic or gastrointestinal factor and the ultimate physiological utilization of both factors in the production of normal erythrocytes.³ Most of the recent advances have been in the realm of extrinsic factor. From the time that whole liver was found essential in the therapy of pernicious anemia the anti-anemia factors which liver contains have been investigated. First was the development of a parenterally injectable extract of liver and then the refinements of liver extracts pointing toward the isolation of the specific active ingredient. This experimental work then led to the vitamin B complex including pteroylglutamic or folic acid, citrovorum factor or folinic acid, and finally to cyanocobalamin or vitamin B₁₂.

The isolation of the lactobacillus factor from liver and later its synthesis as pteroylglutamic acid presented in 1945 an active hematopoietic agent for the nutritional macrocytic anemias. Pteroylglutamic acid, popularly known as folic acid, is concerned with nucleoprotein metabolism in the

formation of purines and pyrimidines from simpler amino acid precursors.⁵ In pernicious anemia folic acid stimulates a red blood cell response but does not possess the completeness of therapy to maintain the remission from the disease. We must further emphasize that it does not improve or protect against the neurological complications.⁴

An intermediate in the metabolism of folic acid and an active principle in liver and yeast extracts is the citrovorum factor or folinic acid. It is closely related to pteroylglutamic acid structurally and does possess as great or greater hematopoietic activity.

In 1948, a red crystalline substance was isolated from the active principle of liver extracts.^{13,14} This material, cyanocobalamin or vitamin B₁₂, is the specific anti-pernicious anemia factor now recognized as the extrinsic factor of Castle. It, like folic acid, is concerned with nucleoprotein metabolism but at a later stage, namely, the synthesis of nucleosides such as thymidine from the purines and pyrimidines. It will effect and maintain a complete hematological, gastrointestinal, and neurological remission in pernicious anemia.

Contrary to our knowledge of vitamin B₁₂ as the specific intrinsic factor, we cannot yet fully identify the intrinsic factor. It is established that a thermolabile fraction of the gastric juice is essential in potentiating ingested hematopoietic substances.⁶ At present this factor seems to be a mucoprotein which binds or combines with vitamin B₁₂ or conditions the gastrointestinal mucosa enhancing the absorption.⁸ Vitamin B₁₂ bound to fractions derived from hog stomach has been prepared recently for possible use in the oral therapy of pernicious anemia,¹⁵ and some have received approval of the U.S.P. Anti-anemic Preparations Advisory Board.

In the therapy of pernicious anemia, we have a potent specific factor, vitamin B₁₂. The array of hematinic and alleged adjuncts such as multiple vitamins, iron, and hydrochloric acid are known not to be essential principals in the treatment of the anemia. The transfusion of blood is still important when the degree of anemia is sufficient to produce cardiac insufficiency and, in general, is to be considered when the red blood count is below 1,000,000 cells per cu. mm. In modern pernicious anemia therapy the use of crude liver extract cannot be justified.¹² While potent refined

From the Hematology Division, Henry Ford Hospital, Detroit, Michigan.

Read before the Section of Internal Medicine at the AMA Meeting in San Francisco, June, 1954.

liver extracts produce a satisfactory remission from the disease, most hematologists prefer the specificity of vitamin B₁₂ (crystalline or concentrates). Coupled with the fact that larger amounts can be

toms, but in general we have found that the parenteral administration of 45 micrograms of vitamin B₁₂ every four weeks will provide excellent control of the disease.

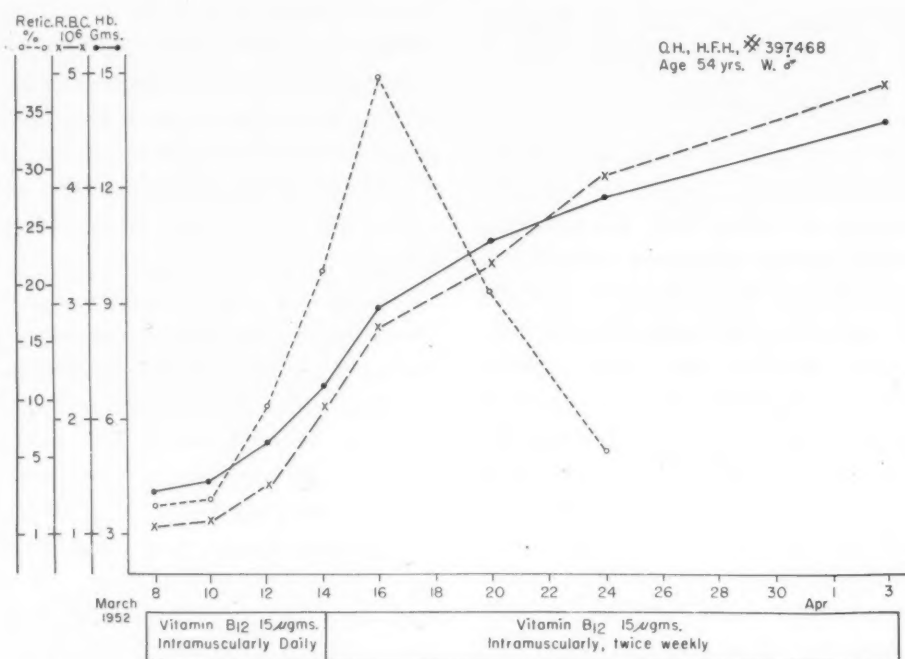


Fig. 1. Parenteral vitamin B₁₂ therapy in pernicious anemia.

administered with little discomfort, there are fewer allergic reactions, and there is less cost to the patient. It is true that folic acid is essential in certain of the nutritional macrocytic anemias but cyanocobalamin is the *sine qua non* in pernicious anemia. Undoubtedly the therapy for the disease in complete relapse is parenteral vitamin B₁₂.¹ The dose regimen recommended is actually "massive" in that it greatly exceeds calculated requirements in most instances.

A standard treatment program in this disease cannot be uniformly prescribed because of the variability of the response, the severity of the disease, and finally because of the presence or absence of complicating factors in each patient. Usually 15 micrograms are given each day intramuscularly for one week and twice weekly until full hematological remission is obtained. Figure 1 illustrates a typical response to this program of therapy. Daily reticulocyte counts after the initiation of therapy are important in determining the adequacy of therapy and in early confirmation of the diagnosis. Maintaining the patient in remission will depend upon progress observation of the erythrocyte count and the improvement of symp-

The patient whose illness is complicated by chronic disease or sepsis might require more intensive therapy and certainly the patient with overt neurological components will need an altered therapeutic program. The advanced neurological case requires intensive therapy for periods up to one year despite adequate hematological response.

Oral therapy with vitamin B₁₂ alone is effective only with varying huge amounts which are at present uneconomical. Recently interaction products of fractions derived from hog stomach with vitamin B₁₂ have shown promise as an effective oral treatment of pernicious anemia. These are given as tablets or capsules swallowed by the patient one to three times daily. We have used several experimental oral preparations. They have varying therapeutic potency but Figure 2 shows a good response to oral medication. Some of these may eventually prove to be effective therapy in the uncomplicated case.

At the Henry Ford Hospital we have been interested in the administration of vitamin B₁₂ by the respiratory tract.^{10,11} It is the ready availability of the large capillary bed of the respiratory

PERNICIOUS ANEMIA—MONTO ET AL

mucous membranes which suggested this as an advantageous therapeutic route. Aerosol inhalation of crystalline vitamin B₁₂ can be demonstrated to produce complete hematological response in

pernicious anemia patients as shown in Figure 3. Similar responses result from the inhalation or nasal insufflation of vitamin B₁₂ lactose powder.⁷ A single application of 150 micrograms of B₁₂

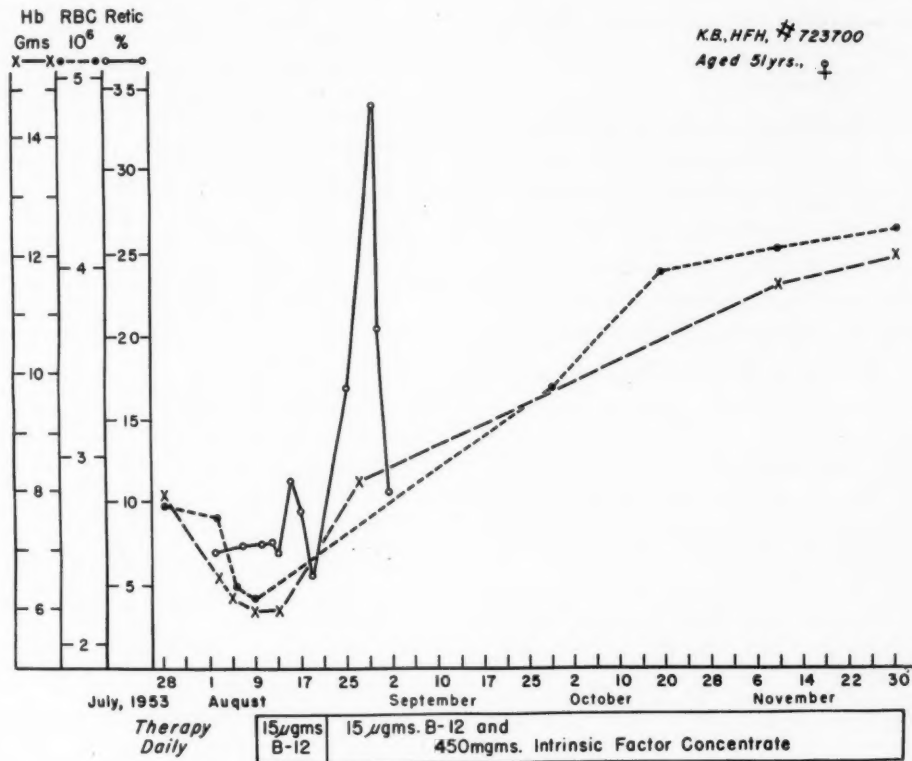


Fig. 2. Oral treatment of pernicious anemia with B₁₂ and intrinsic factor concentrate.

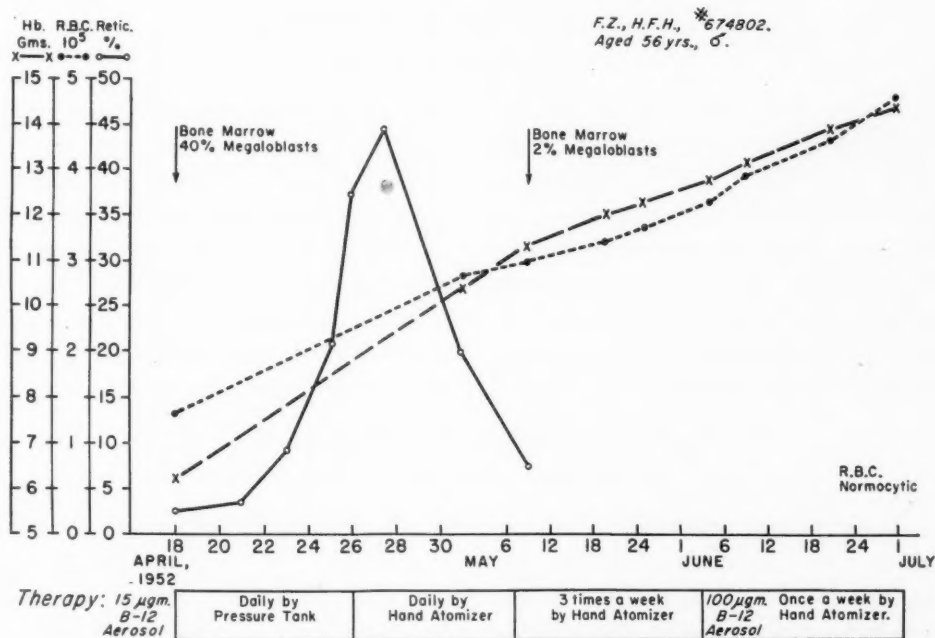


Fig. 3. B₁₂ aerosol treatment in pernicious anemia. (Reproduced from an article by: Monto, R. W.; Rebuck, J. W., and Brennan, M. J.: Crystalline B₁₂ inhalation therapy in pernicious anemia. Am. J. M. Sc., 225:113, 1953. By permission of the editor and publisher.)

crystals on the nasal turbinate mucosa gave a complete remission lasting for three months. In addition to the resolution of the anemia we encountered complete relief from the gastrointestinal symptoms and improvement in the neurological manifestations comparable to parenteral therapy.

Summary

The specific anti-pernicious anemia substance or extrinsic factor of Castle is believed to be vitamin B₁₂. The intrinsic factor remains to be completely identified. At present parenteral vitamin B₁₂ is the treatment of choice for pernicious anemia. The near future may demonstrate the complete effectiveness of oral or nasal medication, thus simplifying further the therapy for the pernicious anemia patient.

References

1. Bethell, F. H.; Swendseid, M. E.; Miller, S., and Cintron-Rivera, A. A.: Cobalamin (vitamin B₁₂) and the intrinsic factor of Castle. *Ann. Int. Med.*, 35:518-528 (Sept.) 1951.
2. Castle, W. B.: Development of knowledge concerning the gastric intrinsic factor and its relation to pernicious anemia. *New England J. Med.*, 249: 603 (Oct. 8) 1953.
3. Castle, W. B., and Townsend, W. C.: Observations on the etiologic relationship of achylia gastrica to pernicious anemia. II. Effect of administration to patients with pernicious anemia of beef muscle after incubation with normal human gastric juice. *Am. J. M. Sc.*, 178:764, 1929.
4. Chodos, R. B., and Ross, J. F.: The effects of combined folic acid and liver extract therapy. *Blood*, 6:1213-1233 (Dec.) 1951.
5. Girdwood, R. H.: The interrelationships of factors that influence the megaloblastic anemias. *Blood*, 7:77, 1952.
6. Glass, G. B. I.: Hematopoietic activity of glandular mucoprotein from human gastric juice. *Gastroenterology*, 23:219-233 (Feb.) 1953.
7. Israels, M. C. G., and Shubert, S.: The treatment of pernicious anemia by insufflation of vitamin B₁₂. *Lancet*, 1:341-343 (Feb. 13) 1954.
8. Latner, A. L.; Merrills, R. J., and Raine, L. C. D. P.: Isolation of Castle's intrinsic factor. *Lancet*, 1:497-498 (March 6) 1954.
9. Minot, G. R., and Murphy, W. P.: Treatment of pernicious anemia by special diet. *J.A.M.A.*, 87: 470-476 (Aug. 14) 1926.
10. Monto, R. W., and Rebuck, J. W.: Nasal instillation and inhalation of crystalline vitamin B₁₂ in pernicious anemia. *Arch. Int. Med.*, 93:219-230 (Feb.) 1954.
11. Monto, R. W.; Rebuck, J. W., and Brennan, M. J.: Crystalline B₁₂ inhalation therapy in pernicious anemia. *Am. J. M. Sc.*, 225:113-119 (Feb.) 1953.
12. Murphy, W. P.: Twenty years of liver therapy. In Dameshek, W., and Taylor, F. H. L., eds: *George R. Minot Symposium of Hematology*. P. 27. New York: Grune and Stratton, 1949.
13. Rickes, E. L.; Brink, N. G.; Koniuszy, F. R.; Wood, T. R., and Folkers, K.: Crystalline vitamin B₁₂. *Science*, 107:396-397 (April 16) 1948.
14. Smith, E. L.: Purification of anti-pernicious anemia factors from liver. *Nature*, London, 161:638-639 (April 24) 1948.
15. Spies, T. D.; Stone, R. E.; Suarez, R. M.; Garcia-Lopez, G.; Lopez-Toca, R., and Reboredo, A.: Antianemic properties of reaction products of vitamin B₁₂ and the intrinsic factor. *J.A.M.A.*, 151: 1264-1266 (April 11) 1953.

PATIENTS WITH JAUNDICE

(Continued from Page 1097)

tion, which is, they believe, obviated by the use of the defunctioned loop. My own experience leads me to believe that while the Roux Y technique is preferable, the method of direct anastomosis is an acceptable procedure. If the opening is sufficiently large, ascending infection does not actually seem to present a problem and I have had some of my best and longest successful repairs by this method—used in most instances at the end of a long, tedious,

bloody operation when I thought that rapid conclusion of the operation was more important than the use of a defunctioned loop which of course requires an additional anastomosis.

There are of course other causes of obstructive jaundice, such as congenital anomalies, atresias, intestinal parasites, pancreatitis, et cetera, but these are relatively uncommon as compared with the three main types and will not be discussed.

COST OF MEDICAL EDUCATION

(Continued from Page 1100)

crease public support for the schools.

At this point one may expect to hear the cry, "Socialism." It has in fact already been raised. Personally, I am not concerned with this label as applied to my thinking. I have my own term for my view, "Social Justice." The only legitimate objection to the costs of medical education that can

be made today is that too great a burden is being placed upon the student. It is my considered opinion that this burden should be lightened at least by eliminating all fees, even though this procedure would add to the worries of college presidents and deans. And why worry about them? After all they have chosen their pro-crustean bed.

Swan Song

By the time this appears in print, another President will have assumed this honorable office, and the State Society will have embarked on another year of progress. But I cannot fail to record my deep appreciation for this memorable year in my life. I find words inadequate to express the pride and satisfaction I feel for having been chosen to this high office in the Michigan State Medical Society.

The deep and abiding friendships with the Officers and Councillors has been most gratifying. I can only heap more praise on the chairmen and members of our numerous committees. Our progress has been dependent on the combined, generous co-operative efforts of all.

One of my last major assignments was to appoint a study committee to consider possible revisions of the fee schedule for services rendered to patients holding contracts with Michigan Medical Service. The efforts of this special committee are of prime importance to the entire membership of the MSMS. Once again, you will be given an opportunity to evaluate your services. This calls for a forward look, since our services are now subject, in large part, to the bargaining tables between Labor and Management.

Let us hope that the accomplishments of this new committee will truly reflect the thinking of the rank and file of our profession. And we trust their conclusions and recommendations will be in the best interests of both the public and of medical practice.

Robert H. Baker
President, Michigan State Medical Society

President's



Message

Postgraduate Continuation Courses-- **Wayne University College of Medicine**

September 12-December 3, 1955

These courses are open to all qualified persons.
 Veterans receiving benefits under the G. I. Bill should contact Dr. Arthur Johnson, Veterans Administrator at Wayne University, 666 Student Center Building, 5050 Cass.
 Registration for these courses should be made in the office of Postgraduate Medical Education at the College of Medicine, 1401 Rivard.

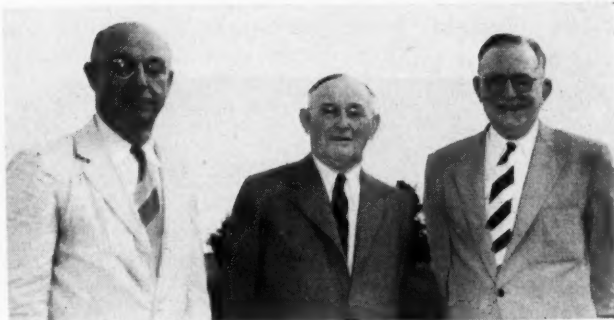
<i>Title of Course</i>	<i>Place</i>	<i>Time</i>	<i>Fee</i>
MICROBIOLOGY			
Microbial Genetics	College of Medicine	Mon. & Wed. 4-5	\$15.00
Seminar	College of Medicine	Fri. 3-4	\$15.00
PHYSIOLOGICAL CHEMISTRY			
Seminar	College of Medicine	Weds. 3-4	\$15.00
Special Topics	College of Medicine	Mon. 1-2	\$15.00
PHYSIOLOGY & PHARMACOLOGY			
Cellular Physiology	College of Medicine	Tues. 1-2	\$30.00
Seminar	College of Medicine	Thurs. 1-5 Tues. 4-5	\$15.00
PATHOLOGY			
Beginning Hematology	College of Medicine	Mon. 1-5	\$50.00
Gynecologic Pathology (Limit 40)	Woman's Hospital (Jackson Mem. Audit.)	Weds. 1:30-5	\$50.00
Pathology of Heart	College of Medicine	Thurs. 1-3	\$50.00
DERMATOLOGY			
Seminar in Dermatology	Receiving Hospital	Weds. 10-12	\$15.00
Dermopathology Seminar	Receiving Hospital	Weds. 1-2	\$15.00
INTERNAL MEDICINE			
Medical Conference	Receiving Hospital 243 Farwell Annex	Thurs. 5-6	\$15.00
Gastroenterology Clinic	Receiving Hospital 243 Farwell Annex	Sat. 8-9 a.m.	\$15.00
Medical X-Ray Conference	Receiving Hospital 243 Farwell Annex	1st, 3rd, 5th 11-12	\$15.00
Medical Pathologic Conf.	Receiving Hospital 243 Farwell Annex	Weds. 11-12	\$15.00
ONCOLOGY			
Cancer Detection	Yates Clinic	Weds. 3-5	\$25.00
SURGERY			
Seminar	645 Mullett, 4th Floor (Beginning first Monday in October)	Mon. 4-5	\$15.00
COMPREHENSIVE UNIT COURSE			
Basic Ophthalmology	Rm. 106 Kresge Eye Bldg., 690 Mullett	Full Time	\$500.00
PSYCHIATRY			
Psychosomatic Conference	201 Farwell Annex Receiving Hospital	Tues. 11-12 (Oct. 4, 18, Nov. 1)	\$15.00
Psychoanalytic Psychiatry	201 Farwell Annex Receiving Hospital	Mon. 11-12	\$15.00

Editorial

THIRTY-FOUR YEARS OF MEDICAL PROGRESS

IN 1921 Frederick A. Collier, M.D., newly appointed to the Department of Surgery, University of Michigan Medical School, found a situation he did not like. Many of the doctors of the state expressed open criticism and resentment against the University Hospital as being in direct competition in the practice of medicine. Dr. Collier felt that a state medical school could exist and become great only through full co-operation with the medical profession of that state.

With characteristic Collier drive, a number of meetings were arranged with county medical societies during the vacation period. Thus Dr. Collier and LeRoy C. Abbott, M.D., of the Department of Orthopedics, met Edwin L. Thirlby, M.D. They found that Dr. Thirlby had made arrangements for a social day of fishing and dining followed by the formal medical talks on the next day. All members of the Grand Traverse-Lee-lanau County Medical Society attended both



THE BIG THREE AT THE COLLIER-PENBERTHY CLINIC

Grover C. Penberthy, M.D., Detroit; E. L. Thirlby, M.D., Traverse City (*center*); and F. A. Collier, M.D., Ann Arbor (*right*).

meetings and became convinced that these doctors from Ann Arbor were thoroughly dedicated to teaching and totally interested in advancing medical knowledge and skills amongst the doctors of the state. On the other hand, Dr. Collier found a group of doctors eager for new knowledge, attentive, and appreciative of his efforts.

During this two-day meeting, the frequent talks between Dr. Collier and Dr. Thirlby resulted in the start of an intimate friendship which became increasingly close throughout the following years. During these talks, it became evident that both doctors thought alike: that the rural physicians were in need of a continuing educational program which would bring to them knowledge of the advances in medical techniques, and that the University had much to offer in supplying this knowledge. As a result, plans were made for an annual meeting at Traverse City.

Dr. Collier further realized that here was an opportunity to observe closely the results of post-graduate medical teaching and to evaluate techniques in presentation of medical knowledge. From time to time the program was changed in character. Emphasis was placed on common disease conditions, knowledge of which could be used in the daily practices of the audience. Information was brought to the group regarding the results or the prospects of various research projects at the University. Experiments were conducted in the various methods of subject presentation. For speakers, Dr. Collier brought in the top talent of the University, representing all the specialties of medicine, and later invited speakers from Wayne

Collier-Penberthy Clinic—1955

The thirty-fourth annual Collier-Penberthy Clinic was held at the Traverse City Golf and Country Club, Traverse City, August 25 and at James Decker Munson Hospital, August 26.

Speakers at the Country Club included Carl E. Badgley, M.D., Paul S. Barker, M.D., Frederick A. Collier, M.D., Marion S. DeWeese, M.D., Thomas N. Evans, M.D., Albert C. Furstenberg, M.D., Edgar A. Kahn, M.D., Isadore Lampe, M.D., Reed M. Nesbit, M.D., Herman H. Riecker, M.D., John M. Sheldon, M.D., and Harry A. Towsley, M.D., all of Ann Arbor; and Homer A. Howes, M.D., Richard M. McKean, M.D., Grover C. Penberthy, M.D., Laurence Reynolds, M.D., and Albert D. Ruedemann, M.D., all of Detroit.

Dr. Alexander Grant Ruthven, Dexter, Michigan, immediate Past President of the University of Michigan, was guest speaker at the dinner. His interesting subject was "The World We Live In."

Surgical clinics were held at Munson Hospital the following day.

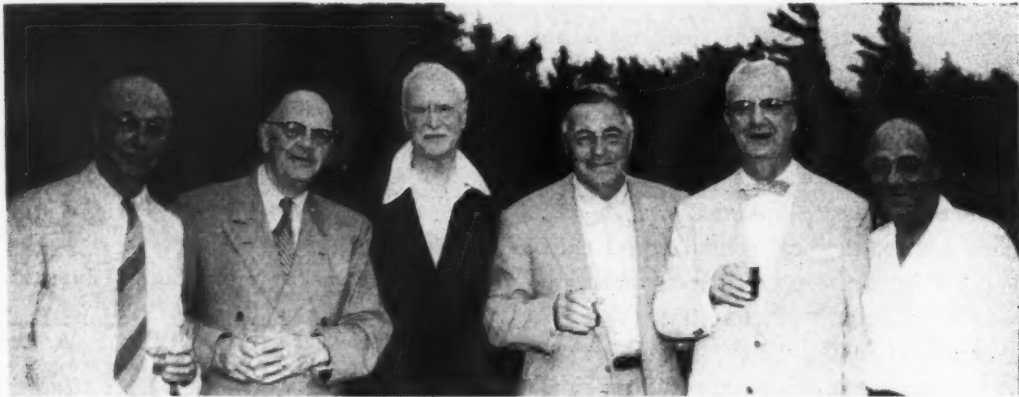
A total of 167 registered at the 1955 CP Clinic—the largest in the history of the organization.

EDITORIAL

University, and occasionally from other parts of the country. Grover C. Penberthy, M.D., of Detroit, early became an interested and enthusiastic supporter and promoter of these meetings.

AN OPPORTUNITY

SINCE the inception of Michigan Medical Service, we have heard complaints from some of our doctors that fees for services were minimal



SIX PAST PRESIDENTS ATTEND 1954 COLLER-PENBERTHY CLINIC

Grover C. Penberthy, M.D., Detroit; the late Claude R. Keyport, M.D., Grayling; Louis J. Hirschman, M.D., Traverse City; Alexander G. Ruthven, Ph.D., Ann Arbor; Howard H. Cummings, M.D., Ann Arbor and Edward F. Sladek, M.D., Traverse City. All are Michigan State Medical Society Past Presidents except Doctor Ruthven, who is Past President of the University of Michigan.

A few years ago, this postgraduate teaching program was formally designated as The Annual Collier-Penberthy Medical Conference, honoring two of its greatest sponsors. Dr. Thirlby, the major stimulant to the continuation of this annual meeting, has always tried to remain in the background, insisting that credit for accomplishments be given to others. But it was at his insistence that the sociability aspect of the meetings has been kept, as he felt it was important in developing an atmosphere of intimacy and friendship.

Drs. Collier and Penberthy, and particularly Dr. Thirlby, should feel proud of their work. Over the years they have observed a progressive increase in medical knowledge and techniques and the results of their daily use in the care of patients, until now the Traverse City region is becoming known as one of the great medical centers of the state. This reputation is not confined to the city itself, but extends to and includes all the rural practitioners of the region. Without question, the Annual Collier-Penberthy Medical Conference is a major contribution to the present high standard of medical care which the people of the Traverse City area receive.

E. F. SLADEK, M.D.
Traverse City, Michigan

or too low. They forget that our prepayment plans guaranteed payments without collection costs or loss from a large percentage of people who had not been paying doctors' bills with any regularity. The \$2,500 ceiling for family earnings included 85 per cent of Michigan's population at the time Blue Shield was originated. Payment rates and the subscription prices had to be held down to sell the service. The \$5,000 ceiling policy was much more liberal, but again the costs were fixed at a minimum. The workers were paying the bills which necessarily held the compensation and the premiums low.

During over sixteen years of activity, there never has been a time when premiums or fees could be even slightly liberalized. Now, with the new guaranteed annual wage, with labor having secured a promise of full health insurance coverage to a \$6,000 family income level, to be paid for by industry, a completely new concept is possible.

For the first time, we may and must write a contract which is adequate for the doctor, fair to the employing industry, satisfactory to the insured, and purchasable by those who are paying their own way. The Council of the Michigan State Medical Society has authorized our president

EDITORIAL

to appoint a representative committee to survey all our members and formulate the new contracts, hopeful for a report at the meeting of the House of Delegates in September, 1955.

The new contract must have several completely new features:

1. It must pay the doctor adequately.
2. It must meet the demands of the insured—complete service—“full payment” if not over \$6,000 family income.
3. It must be fair to industry.
4. If possible, it must be limited to a special category with guaranteed annual wage.

It would be a shame if a few non-conforming members forced this service away from our voluntary non-profit medical and surgical plans.

SOMETHING NEW

WE HAVE expressed our belief that medicine and medical service are approaching a period of far greater significance than what we faced at the beginning of our prepayment voluntary plans. Demands are rapidly increasing, and groups are insisting on fuller coverage. The employee and the employer have a right to know exactly what to expect. The new guaranteed annual wage contracts are establishing challenging projects. Labor is promised health benefits equivalent to a \$6,000 ceiling insurance policy—half of which is paid for by employment.

We might be able to write a type of policy which could be extremely satisfying all around. Let's consider a sufficient but rigid fee schedule which will be complete payment for the service rendered. There would be no extra charges to the patient. Let's also consider allowing Michigan Medical Service to pay the bills much as the present VA bills, and charge the contracting employers a determined percentage for administration and a profit percentage of one, or an agreed per cent to maintain the program.

We believe our doctors would be happy. The advisory committees would and should exercise a degree of control by supervising payment on any unusual bills. Employers would be as satisfied as the present labor relations allow, but being the ones who pay, could always cancel or change the contract if conditions or abuses warrant.

SEPTEMBER, 1955

THE DOCTOR'S INCOME

IT IS a long time since we have discussed the doctor's income. It is time for careful study. Consumer market reports show that 24.7 per cent of Michigan's families have incomes under \$2,500 a year. The \$2,500 ceiling policy is still essential. In Michigan 48.9 per cent of families earn between \$2,500 and \$6,000; 26.4 per cent earn over \$6,000. For Detroit only, this is 25.7 per cent with earnings over \$6,000. The average worker in Detroit earns \$4,300.

The new policies to be written for the guaranteed annual wage \$6,000 ceiling will be paying higher rates than normally charged for about 25 per cent of our patients, if the doctor grades his charge to the patient's ability to pay. We all know this is true. That concept is the only excuse of ever making charges higher than the insurance pays.

Others than the guaranteed annual wage group who might wish to subscribe for this service must understand its special privilege and expect to pay a higher premium.

The doctor's total income is involved. It will probably be higher if strict conformity is given, and a completely contented clientele will be the result. No collection costs and 25 per cent of patients paying more than their natural share will easily overbalance the occasional one who could be asked to pay extra.

NATIONAL LEGISLATION

CONGRESS is now in recess, and there are bills pending in which the medical profession has a profound interest. Social security again is being amended. The bill, as it passed the House under cloture (no amendment—no public hearing—and only forty minutes of debate) does not include doctors of medicine in the new list.

We know a great many of our members hope for voluntary inclusion. They believe we should be given the choice. Many of our younger and also older members believe they would have much to gain by inclusion. We have heard the argument on both sides, and we favor the voluntary listing.

There is provided a changed retirement date for women workers at age sixty-two.

The expense of the whole program is enormous. It is proposed to make another 1 per cent in-

EDITORIAL

crease next January to carry the new benefits. We have always believed that the compulsory retirement at the age of sixty-five was too young, especially when the average life expectancy has now reached about seventy years. To begin paying women at sixty-two is a very unnecessary additional burden and differentiates between men and women. We still believe that when a person reaches his retirement age, he should draw his benefits without curtailment on account of a continuing earning ability. If the benefit is earned, it is rightfully his.

The provision of benefits for the disabled at age fifty is rather all-inclusive. The American Medical Association's only interest in disability insurance is because federal machinery to supervise the certification of disability would project the government into the field of medical practice. We suggest these three changes in the new bill before it is finally re-enacted. The AMA Board of Trustees said, "The distance between our present medical freedom and complete government regulation has narrowed considerably. The remaining gap will be closed completely unless physicians throughout the nation take constructive action to educate themselves, the public, and their congressmen and senators during the next few months."

RETIREMENT INCOME

SINCE September, 1945, we have published fifteen editorials on the subject of fair play for professional people in building retirement plans during their relatively few active and higher income years. After about two years, the AMA joined in this project. Many bills have been introduced of the Jenkins-Keogh type. Nothing has happened; but just recently the House Ways and Means Committee favorably reported with five amendments a bill which is quite inadequate but is a long step in the right direction: HR 10 (Keogh) tax postponement for self-employed. This bill is very restricted, not over \$5,000 investment in any one year and a maximum of \$100,000 at any one time.

Our members should familiarize themselves with these legislative matters. They should make opportunities to talk with our congressmen and senators who will be anxious for personal contacts during the interim sessions. These projects will be

in the Senate but might be referred back to the House, if amended. Now is our golden time to work.

APPRECIATION

WE WOULD like to express our sincere thanks for the very fine manner in which Dr. Marion S. DeWeese procured in advance for publication the manuscripts presented at the Collier-Penberthy Clinic in August.

Several of the papers read at the Collier-Penberthy Clinic were not used in this issue of THE JOURNAL because of lack of space. They are in type, however, and will be used as soon as space permits.

CLINICAL SIGNIFICANCE OF HOARSENESS

(Continued from Page 1076)

most instances, a careful physical examination will reveal the identity of the lesion responsible for impaired function of one or both vocal cords. It is to be remembered, however, that some 16 per cent of unilateral laryngeal paralysis are so-called idiopathic. In many of these patients, the alteration in voice is so slight that it is barely perceptible.

3. A plea is made for an evaluation of the clinical behavior of lesions of the larynx and critical interpretation of pathological diagnoses which do not substantiate the clinical findings. Some concert of values must exist between the two before radical surgical interference is justified.

4. One must not despair of identifying the lesion pathologically when strong clinical evidence of carcinoma seems obvious. We have had many patients in whom the third or fourth biopsy has presented the true pathologic picture.

Although almost all tumors of the testes are malignant, such tumors are rare.

* * *

There is no evidence that trauma is an etiological factor in cancer of the testes.

* * *

It has been estimated that cancer occurs 20 to 40 times oftener in undescended testes than in normal organs.

* * *

Tumors of the testes metastasize first and most often by the lymphatics but may also metastasize by the blood stream.

“Smoothage-Bulk” Restores Normal Peristalsis

The gentle distention of the bowel wall provided by Metamucil® is physiologically corrective in constipation management.

Normal peristaltic movements of the bowel depend on the consistency and quantity of the material within the lumen. In constipation, hypohydration accounts for the hard consistency and inadequate quantity of the fecal mass. With Metamucil, stool quality becomes soft and plastic, while stool quantity is increased to produce gentle distention, the natural stimulus to peristalsis.

Metamucil is the highly refined mucilloid of the *Plantago ovata* (50%), a seed of the

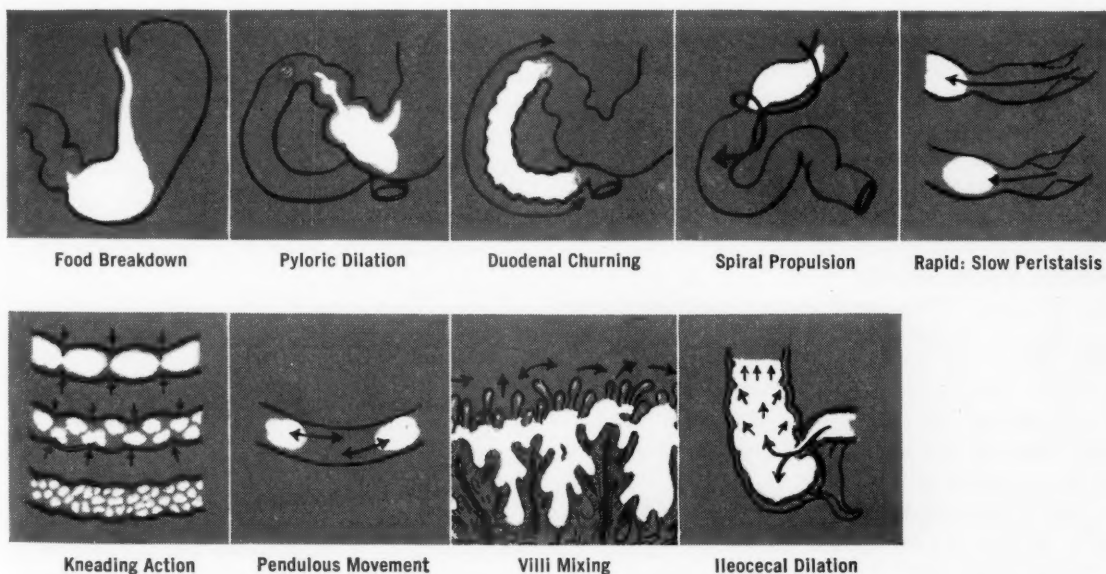
psyllium group, combined with dextrose (50%) as a dispersing agent.

The usual adult dose is one rounded teaspoonful of Metamucil powder in a glass of cool water, milk or fruit juice one to three times daily. An additional glass of liquid may be taken if indicated.

Metamucil is supplied in containers of 1, ½ and ¼ pound.

G. D. Searle & Co., Research in the Service of Medicine.

TYPES OF MOVEMENT WITHIN THE BOWEL



SEARLE

Michigan's Department of Health

Albert E. Heustis, M.D., Commissioner

TB CASEFINDING SET FOR DETROIT-SOUTHEASTERN MICHIGAN

An intensive TB casefinding program, utilizing all available state and local resources and facilities, will be launched September first in the high incidence areas within Detroit and southeastern Michigan. Counties to be included are Macomb, Monroe, Oakland, St. Clair, Washtenaw and Wayne, together with Detroit City. This area represents a combined population of approximately 3,625,000 with an estimated 3,000,000 x-rayable adults.

Organization work which is already under way will be stepped up in September. The first x-ray operations are scheduled to begin early in October. The mobile x-ray units of the Michigan Department of Health will be concentrated in the area, augmented with local facilities. The program will involve also tuberculin testing and contact tracing.

1955 BIRTHS STILL LEADING

Births for the first six months of 1955 were 1,494 ahead of those for the same interval in 1954. This is in marked contrast to the 6,012 births by which 1954 led 1953 at the half year mark. Moreover, the January, 1955 births exceeded by only one the births for January, 1954 and March, May and June of 1955 fell slightly behind the corresponding months of 1954.

HEALTH OFFICERS AND SANATORIUM DIRECTORS JOIN FORCES

The Michigan Health Officers Association and the Michigan Sanatorium Directors Association at the first joint meeting of the organization held at Houghton Lake recently discussed tuberculosis control in detail with special attention to casefinding methods, recalcitrant patients and newer therapy in tuberculosis care.

Plans were made for following up this joint meeting with continuing committee work dealing with all phases of the tuberculosis control program.

HDA SIGNS INCREASING

Of the estimated 5,000 vacation spots and motels in Michigan inspected each spring by local health department sanitarians, some 2,000 have now qualified to display the state's trim green and gold HDA, Health Department Approved, sign on their premises. By meeting the requirements of the annual re-inspection, they keep the signs from year to year.

This is the third summer of the state and locally sponsored HDA program, with a growing number of resort owners and operators coming in each year. Participation is entirely voluntary. It is also, of course, good business for the operator and if he is the kind who runs a reputable establishment he is quick to recognize the advantages of the official seal of approval.

To the highway traveler the HDA sign means that the local health department has worked with the resort

operator on water supply and waste disposal, on construction, ventilation, lighting and heating of buildings, plumbing, elimination of fire and accident hazards, safety of bathing beaches and control of noxious weeds. If there is food service in connection, source and handling of foods is carefully checked.

The meaning of the sign is explained to out-of-state motorists by posters and by flyers made available at the highway department information lodges at main points of entrance to Michigan.

MCH CONSULTANT RESIGNS

Margaret S. Hersey, M.D., for the past four years a consultant in the Section of Maternal and Child Health of the Michigan Department of Health, resigned June 30 to join the staff of the Kalamazoo State Hospital as physician.

FILM LOAN SERVICE POPULAR

The department's film loan library showed record totals for the fiscal year just closed. From its establishment in 1940, the collection has grown to a total of approximately 800 films in 1955.

Films are on all phases of the public health program including mental health and alcoholism. The mental health films are provided by the State Department of Mental Health which because of space limitations does not maintain its own film loan service. The same situation is true with the State Board of Alcoholism.

Most of the films are for general lay use, with many intended specifically for schools. In almost every subject area, however, there are films for in-service education of the professions concerned with the state's public health program, including practicing physicians.

During the past year, 5,881 film loans were handled. This added up to 12,742 showings, 4,681 to adult groups and 8,061 in schools. The audience totaled 517,592 persons. Of these persons, 146,501 were adults and 371,091 were school pupils.

Irradiation therapy is effective in ameliorating the symptoms produced by vascular tumors.

* * *

Pain in the occipital region associated with rigidity of the neck is an accompanying symptom of infratentorial tumors.

* * *

Diagnosis of cancer of the pancreas is suggested by jaundice in patients over forty, rapid loss of weight, occult bleeding and poor general condition without anemia.

Upjohn

Ulcer protection that lasts all night:

Pamine*
BROMIDE

Tablets

Each tablet contains:

Methscopolamine bromide 2.5 mg.

Average dosage (ulcer):

One tablet one-half hour before meals, and 1
to 2 tablets at bedtime.

Supplied:

Bottles of 100 and 500 tablets

Syrup

Each 5 cc. (approx. 1 tsp.) contains:

Methscopolamine bromide 1.25 mg.

Dosage:

1 to 2 teaspoonfuls three or four times daily.

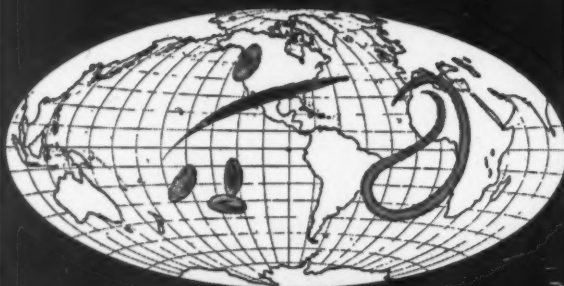
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In Memoriam



STUART A. CAMPBELL

Doctors of medicine in cities and villages throughout Michigan lost a personal friend on July 16, 1955, with the death of Stuart A. ("Scotty") Campbell, of Grand Rapids, Public Relations Field Secretary for MSMS.

The loss goes far beyond his circle of friends, however, for Stuart Campbell was a conscientious worker

who successfully devoted the most productive years of his life to some of the highest purposes of the medical profession, notably sound health legislation, better medical public relations, and the extension of voluntary health plans. His work with him was of utmost importance, and he undertook it with intense interest wherever he was, day and night. It is very possible that this ceaseless expenditure of energy was a factor in bringing death to Stuart when he was only fifty-three years old.

He was taken ill in Lansing, near the end of a very trying session of the Legislature. Stuart returned home to Grand Rapids for diagnosis and a rest, and his death followed complications which developed.

Born in Randolph, Iowa, Stuart spent most of his early years in several pleasant little Kansas communities. Following his graduation from the University of Kansas at Lawrence, he engaged in various sales and business ventures in the Central States and Southwest. The son of an independent businessman and landowner, Stuart was schooled in the principles of freedom. His wholehearted belief in these principles was the foundation upon which he built his career of service to the causes of Medicine.

To those not personally acquainted with Stuart Campbell, this review of his character may place in mind a picture of the dour, tight-lipped Scotsman in the popular legends. Such a picture would be far from the truth, for his buoyancy, good fellowship, conversational ability, and genuine pleasure in meeting and being in the company of others are Stuart's most memorable traits. Probably best remembered by those close to him is the vision of Stuart reaching for a high note—hand cupped behind his ear—as he harmonized at an impromptu midnight songfest.

He was brought to Michigan from Omaha by Blue Shield after a number of years' experience pioneering similar medical service plans in Kansas and Nebraska, but he never actually became a member of the Michigan Medical Service family. Almost upon arrival some six

JMSMS

years ago—at the height of the postwar battle to save Medicine from government control—Stuart joined the MSMS staff “on loan.”

The “loan” proved so satisfactory that he continued with MSMS, being assigned to a geographically wide area which included much of Michigan outside the southeastern quarter and the Thumb district. Through his legislative work and his presence at most MSMS statewide functions, Stuart became known to MSMS members in every area. The House and Senate chambers of the State Capitol were his “second home,” and he spent four or five days in Lansing each week from January to June—during the annual session of the Legislature.

He counted among his personal friends many members of the Legislature with whom he worked, and even those legislators who consistently voted contrary to the principles which Stuart represented usually had a smile and a cheerful word for “Stu” Campbell, the man.

Memorial services were held July 18 at East Congregational Church, Grand Rapids, where Stuart was a member and had lent his usual enthusiasm to church projects. Burial was in Pacific Grove, California, where two of his brothers reside and his parents are buried.

Stuart is survived by his wife, Nell R. Campbell, who was his frequent companion at MSMS events; a son, Stuart Hoyt, and a daughter, Alice Jean, both of Kansas City, Missouri. He also leaves his two brothers in California and a third in Pampa, Texas, and two sisters, one in Dallas, Texas, and the other in Bartlesville, Oklahoma.

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Bumbalo, T. S., Gustina, F. J.,
and Oleksiak, R. E.:
J. Pediat. 44:386, 1954.

White, R. H. R., and
Standen, O. D.:
Brit. M. J. 2:755, 1953.

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Brown, H. W.:
J. Pediat. 45:419, 1954.

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AND
HEALTH ASSOCIATIONS
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Legal Opinion

Wm. J. Burns, Executive Director
Michigan State Medical Society
606 Townsend Street
Lansing 15, Michigan

Dear Mr. Burns:

Reference is had to the inquiry of M.D., of, Michigan. In substance, Dr. asks whether a physician who attends a person during his last illness, but who has not actually seen the patient within thirty-six hours of his death, may properly sign the death certificate.

Section 14.228, *Michigan Statutes Annotated*, provides in part as follows:

"In case of any death occurring without medical attendance, it shall be the duty of the undertaker or person acting as such to notify one of the county coroners, or a Justice of the Peace acting as coroner, who shall investigate or hold an inquest as the circumstances require and shall certify as to the cause of such death on the death certificate and shall sign the same officially as coroner or acting coroner."

The foregoing is from the statute pertaining to vital statistics and records.

The *Code of Criminal Procedure in Section 28.1187 (M.S.A.)* provides as follows:

"It shall be the duty of any physician and of any person in charge of any hospital or institution, or of any person who shall have first knowledge of the death of any person who shall have died suddenly, accidentally, violently or as the result of any suspicious circumstances or without medical attendance up to and including at least thirty-six hours prior to the hour of death, or in any case of death due to what is commonly known as an abortion, whether self-induced or otherwise, to immediately notify the coroner of the death. It shall be unlawful for any undertaker, embalmer or other person to remove any body from the place where such death occurred, or to prepare same for burial or shipment, without first notifying the coroner and receiving permission to remove the body. (C.L. '48, § 773.19; C.L. '29, § 17421)."

The Attorney General of this State was on January 20, 1933, asked to express an opinion on the identical question. In a well-considered opinion, he reached the following conclusion:

"The purpose of the statute seems apparent, namely, to prevent the disturbance of the body of a person dying under any of the circumstances named in the statute without first notifying the coroner and getting his consent. This will, in many instances, aid in the discovery of crime. Any other interpretation of the term would, in my opinion, thwart the very purpose of the statute. The evident intent of the Legislature was to require the action of a coroner in all cases of death where a physician has not seen the patient within thirty-six hours of death."

Biennial Report, 1932-34, Page 166.


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Bronchial asthma
Inflammatory skin conditions

I concur in the conclusion reached by the Attorney General. It is my opinion that the answer to question four in Dr. letter of June 3, 1955, is that the coroner should have been called and that the death certificate should have been signed by the coroner rather than by the physician who had not seen the patient within thirty-six hours of the time of his death.

Very truly yours,
J. JOSEPH HERBERT
Legal Counsel

July 14, 1955

In 1954, there was one doctor for every 730 persons in the United States .

* * *

There are 28,227 medical students in the nation's eighty-one medical schools. On the lists are 28,438 faculty members, of whom 21,328 volunteered their services free.

* * *

A total of 59,430 persons received some form of medical instruction from the medical school faculties.

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SEPTEMBER, 1955

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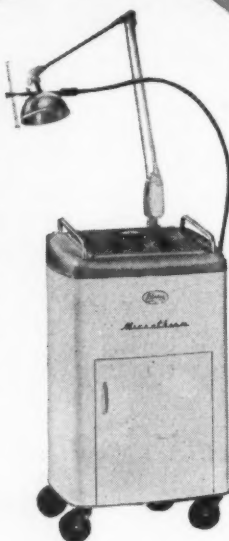
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Communications

A CONSTRUCTIVE SUGGESTION

In the secretary's letter of July 1, 1955, I read of your Foundation* for education of men for rural practice. I don't believe in scholarships, but I do believe in loan revolving funds. I am sending in a check for ten dollars, and if each M.D. in Michigan would just give ten dollars per year, it would not be long before you would be able to support or aid a goodly number of boys through school . . . although I had to stop work in 1954 I hope I shall be able to continue to give to worthwhile charities, educational funds, and universities 10 per cent of my income.

Yours very truly,
ROBERT B. KENNEDY, M.D.

Dear Dr. Haughey:

In recent months, the Treponema Pallidum Immobilization Test has been available to the practitioners of this state on a limited basis through the Maryland State Department of Health. We have searched for some publication which gave a good presentation of how best the practitioner in medicine could utilize the TPI test in his practice. The best summary which we have been able to locate appeared in THE JOURNAL OF THE MICHIGAN STATE MEDICAL SOCIETY in the July, 1954 issue as an article by Dr. Harold J. Magnuson entitled "Interpretation of Positive Serologic Tests for Syphilis in Clinically Negative Patients."

This Department should like to request permission of THE JOURNAL to reproduce this article by mimeograph for distribution to the health officers of this state and, upon request, to the practitioners in the state. We should certainly appreciate your help in this matter. If there are any further steps which we should take in order to secure this permission, we hope you will give us the necessary information upon which to base such action.

Sincerely yours,
JOHN C. HUME, M.D., Chief
Division of VD Control

NOTE: The Editor is pleased to publish the following communications which came to Dr. Robert L. Novy. We have also received congratulatory letters from Louis M. Orr, M.D., Orlando, Florida (Councillor Medical Service); Leonard J. Raider, M.D., (Vice President of United Medical Service); George F. Lull, M.D. (Secretary and General Manager, American Medical Association); H. B. Mulholland, M.D., of Charlottesville, Virginia (AMA Board of Trustees); and Elmer Hess, M.D. of Erie, Pennsylvania, President of the AMA.

Dear Dr. Novy:

May I thank you for the June issue of THE JOURNAL OF THE MICHIGAN STATE MEDICAL SOCIETY, which contained not only your message but what I would call a companion message from Lewis Hersey. Certainly, both of you have left much food for thought and echo each other's ideas in your articles.

I am, of course, one of those who can remember well the many years of battling we have had on so-called

*Michigan Foundation for Medical and Health Education.

(Continued on Page 1120)



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COMMUNICATIONS

(Continued from Page 1118)

nationalization of Blue Shield programs and service contracts. I have in the past few years completely changed my concepts and believe that the early advocates had something but which at the time of their advocacy was not as clearly defined or crystalized as it is now. In that you and Hersey have made such profound statements as to the future of Blue Shield, it would seem to me that there should be an early meeting of the minds wherein some positive and definite decisions could be made on a national basis.

I was delighted to read the splendid tributes to John Castellucci and J. Earl McIntyre, both of whom I have known for many years and who are tops in their particular fields. Doctor Furstenberg is to be commended for the McIntyre tribute.

It is reassuring to know that some of our medical societies still maintain human interest to the degree that they recognize that if it were not for the loyalty and enthusiasm of people such as Earl McIntyre and John Castellucci progress in society affairs would have stagnated or at least been blunted.

With kindest regards and best wishes, I am

Sincerely yours,
J. D. MCCARTHY, M.D.
(Chairman, Council on Medical Service, AMA)

Omaha, Nebraska
July 9, 1955

Dear Dr. Novy:

I have just received the copy of THE JOURNAL OF THE MICHIGAN STATE MEDICAL SOCIETY for June, which as you know contains your very fine article "Medicine's Unsolved Problem."

Permit me to congratulate you upon the fine article

and for so forcibly bringing the facts to the attention of all who might see your excellent article.

With warmest personal regards, and hoping to see you at the next Council Meeting, I am,

As ever,
DAVID B. ALLMAN,
(Chairman, Committee on Legislation, AMA)

Atlantic City, N. J.
July 11, 1955

Dear Mr. Goodrich:

Thank you very much for sending me the June number of THE JOURNAL OF THE MICHIGAN STATE MEDICAL SOCIETY. I have gone over the article by Dr. Novy with a great deal of interest.

Sincerely yours,
WALTER B. MARTIN, M.D.
(Past President, AMA)

Norfolk, Virginia
July 11, 1955

Dear Dr. Novy:

Thank you for having Mr. Goodrich send me a copy of THE JOURNAL OF THE MICHIGAN STATE MEDICAL SOCIETY which contains your article.

I have read it with a great deal of interest, and I think I can sum up my opinion of it best by saying I wish there were some way in which it could be made required reading for every doctor in the United States.

With best wishes,

Sincerely yours,
LOUIS H. BAUER, M.D.
(Chairman of the Board, United Medical Service; Past President AMA)

New York, N. Y.
July 18, 1955

(Continued on Page 1122)

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1. Pollock, B. E., and Pruitt, F. W.: *Am. J. M. Sc.*, 226:172, 1953.

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(Continued from Page 1120)

Dear Dr. Novy:

I received a copy of *THE JOURNAL OF THE MICHIGAN STATE MEDICAL SOCIETY* for June, 1955, and have read with interest your article. Coming from an individual who has more basic knowledge of service plans than most, I was particularly taken with your background philosophy.

With best wishes,

Sincerely yours,
GUNNAR GUNDERSEN, M.D.

La Crosse, Wisconsin
July 20, 1955

Dear Mr. Goodrich:

I have read Dr. Novy's article with considerable interest. He is a scholar and a gentleman and certainly knows the ins and outs of pre-payment plans as well as anyone in the United States.

I am sorry that Dr. Novy did not mention the suggestion which I made as President of the American Medical Association regarding the standard of fees on a regional basis. I do not believe that either the nonprofit companies or the commercial carriers can ever satisfy the millions of people covered until such time as the medical profession itself in various localities decides what is and what is not a fair fee for a certain procedure.

Thank you so much for sending *THE JOURNAL* on to me. When you see Dr. Novy, please extend to him my sincere regards.

Very truly yours,
EDWARD J. MCCORMICK, M.D.
(Past President, AMA)

Toledo, Ohio
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SEPTEMBER, 1955

Say you saw it in the *Journal of the Michigan State Medical Society*

1123



NEWS MEDICAL

MICHIGAN AUTHORS

Alexander Blain, III, M.D., Detroit, is the author of an article entitled "William Stewart Halstead," published in *THE JOURNAL* of the Michigan State Medical Society, February, 1954, and reprinted in the *Alexander Blain Hospital Bulletin*, November, 1954-February, 1955.

Thomas Francis, Jr., M.D., R. F. Korns, R. B. Voight, M. Boisen, F. M. Hemphill, J. A. Napier, and E. Tolchinsky, Ann Arbor, are the authors of an article entitled "An Evaluation of the 1954 Poliomyelitis Vaccine Trials. Summary Report," published in the *American Journal of Public Health*, May, 1955.

Donald S. Bolstad, M.D., Detroit, is the author of an article entitled "The Coexistence of Malignant Tumors in the Trachea and a Distal Secondary Bronchus" published in the second quarterly review issue, 1955, of the *Annals of Otolaryngology, Rhinology and Laryngology*.

Ellis J. Van Slyck, M.D., Detroit, is the author of an article entitled "Pancytopenia Associated with Rheumatoid Arthritis—Felty's Syndrome," published in *THE JOURNAL* of the Michigan State Medical Society, July, 1954, and reprinted in the *Alexander Blain Hospital Bulletin*, November, 1954-February, 1955.

Robert C. Moechlig, M.D. and Richard C. Schultz, M.D., Detroit, are the authors of an article entitled "Familial Diabetes Insipidus" published in *The Journal of the American Medical Association*, July 2, 1955.

Alexander Blain, III, M.D., and Stuart W. Hamburger, M.D., Detroit, are the authors of an article entitled "Refractory Symptomatic Prolapsed Gastric Mucosa Relieved by Gastrectomy," published in *Annals of Surgery*, January, 1955, and reprinted in the *Alexander Blain Hospital Bulletin*, November, 1954-February, 1955.

Francis S. Gerbasi, M.D., Long Beach, California, and Alexander Blain, III, M.D., Detroit, are the authors of an article entitled "Surgical Aspects of Dissecting Aortic Aneurysms," presented at the Joint Symposium of the International Society of Surgery and the International Society of Angiology in Lisbon, Portugal, September, 1953, published in *Angiology*, June, 1954, and reprinted in the *Alexander Blain Hospital Bulletin*, November, 1954-February, 1955.

Richard L. Rapport, M.D., Robert B. Allen, M.D., and George J. Curry, M.D., Flint, are the authors of an article entitled "The Fractured Rib—A Significant Inquiry," read at the Eleventh Annual Meeting of the Central Surgical Association, Detroit, February, 1954, and published in *AMA Archives of Surgery*, July, 1955.

Edward R. Munnell, M.D. and Joseph L. Ponka, M.D., Detroit, are the authors of an article entitled "Situs In-

versus and Acute Cholecystitis" published in *AMA Archives of Surgery*, July, 1955.

Joseph A. Johnston, M.D., Detroit, is the author of an article entitled "Nutrition and Infection," read before the AMA Section of Pediatrics, Miami, November 29, 1954, and published in the *Henry Ford Hospital Medical Bulletin*, June, 1955.

E. J. Alexander, M.D., Detroit, is the author of an article entitled "Presenting the Diagnosis of Functional Illness," published in the *Henry Ford Hospital Medical Bulletin*, June, 1955.

Thaddeus H. Joos, M.D. and Robert S. Ellis, M.D., Detroit, are the authors of an article entitled "Asthma in Children," published in the *Henry Ford Hospital Medical Bulletin*, June, 1955.

Robert A. Schimek, M.D., Detroit, is the author of an article entitled "A New Ptosis Operation Utilizing Both Levator and Frontalis," published in *AMA Archives of Ophthalmology*, June, 1955.

William B. Hubbard, M.D., Flint, and William C. Hubbard, A.B., Ann Arbor, are the authors of an article entitled "Chronic Tearing (Lacrimation and Epiphora)" published in *THE JOURNAL* of the Michigan State Medical Society, May, 1955, and abstracted in the *Digest of Ophthalmology and Otolaryngology*, June, 1955.

Frank R. Menagh, M.D., Detroit, is the author of an article entitled "Florence Nightingale and One Hundred Years of Modern Nursing," published in the *Henry Ford Hospital Medical Bulletin*, June, 1955.

D. Emerick Szilagyi, M.D., Claibourne P. Shonnard, M.D. and Gerald A. Lo Grippo, M.D., Detroit, are the authors of an article entitled "The Artery Bank," published in the *Henry Ford Hospital Medical Bulletin*, June, 1955.

Hermann Pinkus, M.D., Ralph M. Johnston, M.D., and Samuel Albert, Detroit, are the authors of three articles: "The Effect of Transplanted and Spontaneous Mouse Mammary Gland Carcinomas on Lymph Nodes," published in *Cancer Research*, November, 1954; "Serum Proteins in Mice Bearing Induced and Spontaneous Mammary Gland Carcinomas," published in *Cancer Research*, December, 1954; and "The Uptake of Radioactive Phosphorus by Mouse Lymph Nodes during Sensitization to a Foreign Protein," published in *Journal of Immunology*, November, 1954.

Kenneth B. Babcock, M.D., formerly of Detroit, is the author of an article entitled "Accreditation Problems" published in *Hospitals*, July, 1955.

(Continued on Page 1126)

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NEWS MEDICAL

(Continued from Page 1124)

Carey P. McCord, M.D., Ann Arbor, is the author of an article entitled "Occupational Health Publications in the United States Prior to 1900," published in *Industrial Medicine and Surgery*, August, 1955.

Kenneth W. Cochran, Ph.D., Ann Arbor, is the author of an article entitled "Experimental Chemoprophylaxis in Poliomyelitis," published in the *University of Michigan Medical Bulletin*, June, 1955.

David G. Dickinson, M.D., Ann Arbor, is the author of an article entitled "The Role of Respirator Centers in the Treatment of Poliomyelitis," published in the *University of Michigan Medical Bulletin*, June, 1955.

James W. Rae, Jr., M.D. and George H. Koepke, M.D., Ann Arbor, are the authors of an article entitled "Rehabilitation of the Poliomyelitis Respirator Patient," published in the *University of Michigan Medical Bulletin*, June, 1955.

Gordon C. Brown, ScD., Ann Arbor, is the author of an article entitled "Laboratory Aspects of the Field Trial of the Poliomyelitis Vaccine," published in the *University of Michigan Medical Bulletin*, June, 1955.

Robert Cowen, M.D., Detroit, is the author of an original article "Primary Adenocarcinoma of the Epididymis: A Case of Embryonal Teratoma, with Autopsy Findings," which was published in *The Journal of Urology* in December, 1954.

James Clark Maloney, M.D., Birmingham, is the author of an original article "Psychic Self-Abandon and Extortion of Confessions" which was published in the *International Journal of Psycho-Analysis* (Great Britain) Volume XXXVI—1955.

* * *

Medical Relics Wanted.—During the annual meeting of the Michigan State Medical Society to be held Sept. 27-30, 1955, in Grand Rapids, the Kent County Medical Society is sponsoring an exhibit in the Grand Rapids Public Museum illustrating some interesting events in the history of medicine in Michigan.

The committee in charge is seeking medical relics for this exhibit and for a permanent collection to be exhibited in the Grand Rapids Public Museum. Anyone having any medical relic of historical interest is requested to write to this committee: The Museum and Library Committee of the Kent County Medical Society, Grand Rapids.—Ruth Herrick, M.D., *Chairman*, Luebert L. Doctor, M.D., Henry P. Kooistra, M.D., John E. Summers, M.D., H. C. Swenson, M.D., and William Vis, M.D.

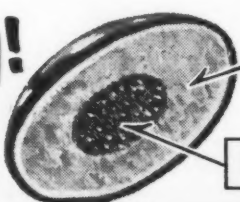
* * *

A. D. Ruedemann, M.D., Detroit, was the guest speaker at the twenty-eighth annual Spring Congress of Gill Memorial Eye, Ear and Throat Hospital in Roanoke, Virginia. His subjects were "Enucleation versus Evisceration with Associated Implants," "Foveal Co-ordination

(Continued on Page 1128)

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Meat...

and Biologic Facts of Protein Metabolism

The classical work of Cannon and his associates* in the field of protein metabolism has contributed significantly to our knowledge of the biologic utilization of protein. It has established that the dietary absence of a single amino acid quickly changes the direction of metabolic activity from anabolism to catabolism. Apparently all the nonessential amino acids play some part in sparing the essential amino acids, and all may be regarded as indispensable for optimal nutrition. It has been suggested "that for maximal tissue-utilization of amino acids at least twenty per cent of the total dietary nitrogen should come from other sources than essential amino acids."

In undernourished subjects the maintenance requirement for each essential amino acid is much greater—two to almost five times greater—than in healthy subjects.

Although an optimal caloric intake facilitates optimal utilization of amino acids, a reducing regimen need not curtail full utilization of these nutrients. It has been shown that a useful degree of amino acid utilization can be attained with caloric intake considerably below the optimal.

Minerals appear to be important in the process of amino acid metabolism. Evidence indicates that either phosphate or potassium deficiency might adversely influence amino acid utilization. Absence of either ion from experimental depletion rations leads to depression of appetite and slowing of the processes of protein repletion.

B complex vitamins also affect the metabolism of proteins and amino acids. For example, rats fed a high protein diet require a high intake of B complex vitamins in order to maintain normal growth rates. Omission from the ration of any one of these vitamins (riboflavin, thiamine, pyridoxine, or pantothenate) is accompanied, in varying degrees, by lower food consumption and slower weight gain.

Meat of all cuts and kinds is high in its content of protein, and provides well proportioned amounts of essential and nonessential amino acids. Meat also supplies valuable amounts of essential minerals, especially iron, phosphorus, potassium and magnesium, as well as important quantities of all components of the vitamin B complex, thus assuring maximal utilization of the amino acid components.

*Cannon, P. R.; Frazier, L. E., and Hughes, R. H.: Factors Influencing Amino Acid Utilization in Tissue Protein Synthesis, in Symposium on Protein Metabolism, New York, The National Vitamin Foundation, Inc., 1954, pp. 55-90.

The nutritional statements made in this advertisement have been reviewed and found consistent with current medical opinion by the Council on Foods and Nutrition of the American Medical Association.

American Meat Institute
Main Office, Chicago... Members Throughout the United States

(Continued from Page 1126)

in the Learning Process; Its Relation to the Ocular Muscles with Indications for Muscle Surgery," "Indications and Type of Glaucoma Surgery."

* * *

Charles G. Johnston, M.D. and Grover C. Penberthy, M.D., Detroit, attended the meeting of the Société Internationale de Chirurgie in Copenhagen, July 24-31, 1955. Dr. Penberthy is Recorder of the American Chapter of this Society.

* * *

Salk Vaccine.—The first release of the Salk Vaccine to private physicians was announced the last of July. The American Medical Association has asked physicians to vaccinate only children within the five- to nine-age group until further notice and to keep records of each vaccination, including name of manufacturer and lot number of the vaccine.

* * *

Income Tax.—The Commissioner of Internal Revenue has decided that representatives of the Department of Health, Education, and Welfare have the authority to examine the income tax returns of any self-employed person covered by OASI. This will have a particular significance to physicians if they should be included in social security.

* * *

Wolf W. Zuelzer, M.D., has been elected president of the Society for Pediatric Research, the country's largest

pediatric association. Dr. Zuelzer is Director of Laboratories at Children's Hospital, Director of the Child Research Center of Michigan and Professor of Pediatric Research at Wayne University College of Medicine.

* * *

A. D. Ruedemann, M.D., Detroit, was elected Chairman of the Section on Ophthalmology of the American Medical Association at its annual meeting in Atlantic City, June 8.

* * *

O. A. Brines, M.D., Detroit, attended the meeting of the Bureau of the International Society of Clinical Pathology, of which he is vice president, and a meeting of the Société Belge de Biologie Clinique in Brussels on April 23 and 24, 1955. One purpose of the meeting was to make preliminary plans for the next International Congress of Clinical Pathology to be held in Brussels in 1957.

* * *

J. S. De Tar, M.D., Milan, President Elect, American Academy of General Practice, and H. M. Pollard, M.D., Ann Arbor, were speakers at the Second Symposium on Office Procedures and Clinical Medicine, given by the King County Chapter of the Washington Academy of General Practice at Seattle, Washington, August 6, 1955.

* * *

At the 20th Annual Congress of the International College of Surgeons held in September in Philadelphia, four Michigan men presented papers: (1) Hardee Bethea, M.D., of Detroit on "Early Operative

(Continued on Page 1130)

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The Michigan Alcoholic Rehabilitation Foundation is a non-profit organization devoted to the proper hospitalization of alcoholics seeking to stop drinking.

Contributions to the Foundation are deductible and should be sent to 2379 National Bank Bldg., Detroit 26, Michigan.



Do you sometimes feel that a patient would benefit from drinking less coffee, because he is "caffeine sensitive"? Why not tell him he can drink all the coffee he wants, as long as it is Sanka Coffee—97% caffeine-free?

New, Extra-Rich Sanka is a wonderful coffee, Doctor. You'll enjoy it yourself.



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SEPTEMBER, 1955

Say you saw it in the *Journal of the Michigan State Medical Society*

1129

(Continued from Page 1128)

Reduction of Facial Fractures"; (2) Robert J. Meade, M.D., Lansing, on "Dermal Fat Grafts for Reinforcement of Aneurisms"; (3) Harry C. Saltzstein, M.D., Detroit, on "Follow-up Survey of 573 Cancer Patients"; and (4) Clair L. Straith, M.D., Detroit, on "Plastic Surgery in Industrial Trauma."

Michigan Regent J. Duane Miller, M.D., Grand Rapids, served as Secretary of the September 14 assembly and A. H. Whittaker, M.D., Detroit, was Chairman of the well-attended Occupational Surgical Section meeting.

* * *

The Atomic Energy Commission has just released Standards for Protection Against Radiation. This is a 20-page typewritten paper and is available upon request at Atomic Energy Commission, Washington 5, D. C.

* * *

The Atomic Energy Commission has announced the award of sixty-four Life Science Research Contracts Announced by AEC two of whom are from Michigan: (1) Kresge Eye Institute, "Effects of Neutrons and Other Radiations on the Ocular Lens," V. E. Kinsey and (2) University of Michigan "Immunological Study of Tumors," W. J. Nungester.

* * *

E. C. Swanson, M.D., Vassar, was chosen on September 2, 1955, by unanimous ballot of his nine confrères, as Secretary of the Michigan State Board of Registration in Medicine to succeed J. Earl McIntyre, M.D., retired. Congratulations, Dr. Swanson!

Racial Differences detected chemically.—Two research workers at the University of Michigan, H. Eldon Sutton, and Philip J. Clark, have been studying chemical reactions and claim there is a racial type between Mongolians and Caucasians, and through a study of the amino acids, they claim to be able to differentiate between the two. The Chinese excrete greater quantities of amino acid under the same conditions of environment and diet. "It was found that the amino acids most influenced by the change to a uniform diet were the ones which show considerable individuality in excretion patterns, and the individuality did not decrease significantly when the subjects consumed identical foods."

* * *

The Texas State Journal of Medicine, with the July, 1955 issue, is enjoying its fiftieth anniversary number. A completely new cover carries the word TEXAS and a symbol of the fiftieth anniversary in gold letters, with a splash of gold across the bottom of the cover listing the contents.

On inserted yellow pages is an article by the President of the State Society commemorating the anniversary, also editorial comments, selections from the first number of The Journal, articles about hospital expansion, medical education, changing concepts, et cetera.

The Texas State Journal of Medicine was founded by I. C. Chase who was succeeded as editor in 1910 by Dr. Holman Taylor, who served thirty-seven years. Dr. Harold Williams and Mr. Ted Bates each served as editor for two years, and Miss Harriet Cunningham, who has been on the staff since 1945, has been managing editor since 1951.

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"sense of well-being."**

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the delta, analogue of hydrocortisone



Indications: *Rheumatoid arthritis*
Bronchial asthma
Inflammatory skin conditions

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This number of *The Journal* contains a vast amount of information and four pages of line sketches showing how the material of *The Journal* comes from the members, the processes it goes through, and finally back to the members. In the fifty years, there have been 34,570 pages of reading matter and 27,590 pages of advertising. Texas may well be proud of its medical journal.



A. E. Heustis, M.D., was reappointed as Michigan Health Commissioner by Governor G. Mennen Williams for a four-year term beginning July 1, 1955. In addition, the Michigan Legislature recognized the efficient work of Dr. Heustis by giving him a long-overdue increase in salary.

The Michigan Society for Crippled and Adults, Inc., will hold its 1955 Convention at the Hayes Hotel, Jackson, on October 27-29. For program and details, write the Society at 10601 Puritan, Detroit 38.

"Cancer Services and Facilities in the United States, 1954," is a directory of services and facilities available to cancer patients throughout the United States, compiled by the National Cancer Institute. This booklet is purchasable from the Superintendent of Documents, Government Printing Office, Washington 25, D. C. (25c per copy).

SEPTEMBER, 1955

DOCTOR LOCATIONS—THROUGH JULY 31, 1955

Name Placed by Michigan Health Council	Opens Practice in	Approximate Date	
Walter C. Peltason, M.D.	Sunfield	July	15
Joseph Riley, M.D.	Charlotte	August	1
W. W. Williamson, M.D.	Detroit-V.A. Reg. Off.	July	19
W. W. Wersich, M.D.	Alpena	July	1
Assisted by Michigan Health Council			
Lloyd France, M.D.	Middleville	July	1
W. E. Gezynski, M.D.	Livonia	June	17
Harold C. A. Johnson, M.D.	Paw Paw	July	
Robert Paxton, M.D.	Fremont	July	1
Charles G. Gunn, M.D.	Dearborn	July	1
Donald DeWitt, M.D.	Saugatuck	July	1
David Heath, M.D.	Bridgman	July	1
Lyle M. Allis, M.D.	Buchanan	July	1
David Ausum, M.D.	Imlay City	July	17
F. James Stubbart, M.D.	Muskegon	July	

The Institute of Industrial Health of the University of Cincinnati announces a course of instructions in occupational skin problems, October 10-14. For information and program, write the Secretary of the Institute, Kettering Laboratory, Eden and Bethesda Avenues, Cincinnati 19, Ohio.

The Council on Postgraduate Medical Education of the American College of Chest Physicians announces postgraduate courses on diseases of the chest in Chicago, October 3-7, at Hotel Knickerbocker, and in New York

Say you saw it in the *Journal of the Michigan State Medical Society*

NEWS MEDICAL

City, November 14-18, at the Park-Sheraton Hotel. For information and program, write the Executive Director of the College at 112 East Chestnut Street, Chicago 11, Illinois.

* * *

The Third National Cancer Conference will be held at the Sheraton-Cadillac Hotel, Detroit, June 4-5-6, 1956, under the sponsorship of the American Cancer Society and the National Cancer Institute of the United States Public Health Service. For information and program, write the American Cancer Society, 521 W. 57th Street, New York 19, N. Y.

* * *

Puerto Rico Medical Association invites all members of the Michigan State Medical Society to visit Puerto Rico in December following the AMA Clinical Session in Boston (November 29-December 2). The Puerto Rico Medical Association will hold its annual meeting beginning Tuesday, December 6-7 at the Caribe Hilton Hotel. The Presidential Reception will be an outstanding social event of December 6.

Ricardo F. Fernandez, M.D., President of the Puerto Rico Medical Association, advises that International Travel Service has arranged a post-convention tour for members of the AMA "which will permit you to accept our cordial invitation and to enjoy the many wonderful attractions of Puerto Rico." For information and program, write International Travel Bureau, Palmer House, Chicago.

* * *

Elwood A. Sharp, M.D., widely known blood authority

and director of clinical investigation for Parke, Davis & Company, Detroit, since 1929, recently was promoted to medical assistant to Harry J. Lloyd, President.

Elmore C. Vonder Heide, M.D., was chosen as Dr. Sharp's successor.

* * *

The American Goiter Association offers the Van Meter Prize Award of \$300 and two honorable mentions for the best essays submitted concerning original work on problems related to the thyroid gland. The Award will be made at the Association's annual meeting, Drake Hotel, Chicago, May 3-4-5, 1956. Essays must be submitted to the Secretary by January 1, 1956. For information, write John C. McClintock, M.D., Secretary, 149½ Washington Avenue, Albany, New York.

* * *

Harry M. Nelson, M.D., Detroit, spoke on "Cancer of the Breast in Pregnancy" at the Ninth Annual Rocky Mountain Cancer Conference, Denver, July 13-14. Dr. Nelson also participated in a symposium on "Cancer of the Pelvis."

* * *

British Empire Cancer Campaign. Excerpts have been received from the thirty-second annual report covering the year 1954, presented at a meeting on July 12, 1955, where the various hospital and medical societies in Great Britain have been studying cigarette smoking and its relation to cancer. The general opinion was that they

(Continued on Page 1134)

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For treatment of

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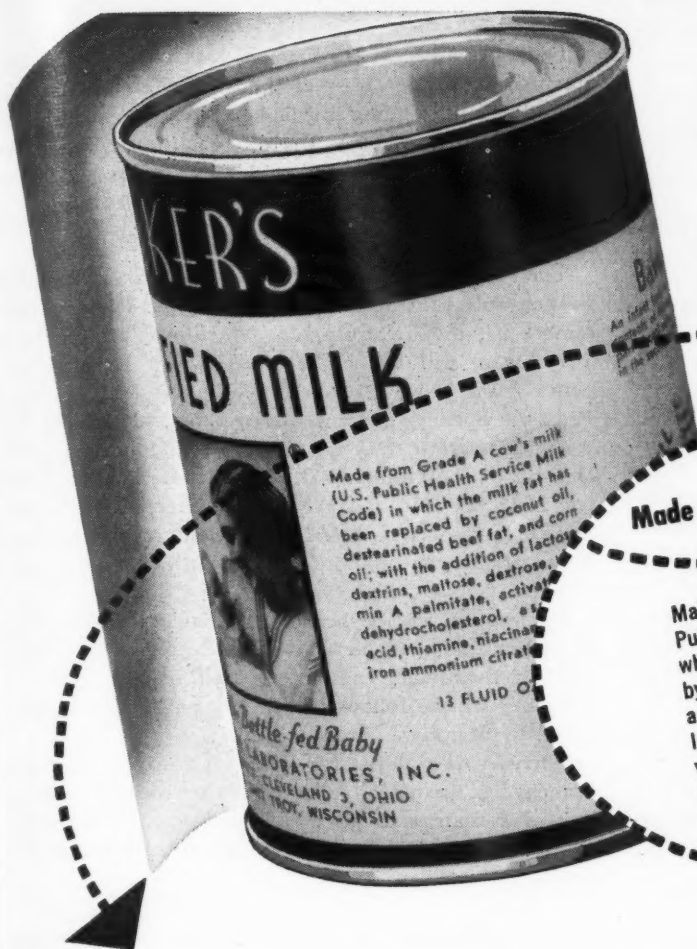
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The quality of the ingredients is reflected in the quality of the final product!

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(Continued from Page 1132)

are unable to prove any connection. The report contains 531 pages and covers research from thirty institutions.

* * *

Detroit's new Convention Hall is scheduled for completion in 1958. It will have 400,000 square feet of exhibit space, 30 meeting rooms, accommodating from 100 to 3500, and an auditorium which can seat 14,000.

* * *

H. Waldo Bird, Jr., M.D., has left private practice in Detroit and resigned as Chairman of the MSMS Committee on Mental Health to reside in Chicago, where he has been honored by an appointment as Associate Professor of Psychiatry in the newly organized Department of Psychiatry at University of Chicago Medical School. Dr. Bird, whose private practice in Detroit was limited to convulsive disorders and psychosomatic medicine, served as a member of the medical staff of Michigan Epilepsy Center. He is a Fellow of the American Psychiatric Association, and active in the Michigan Society for Mental Health and the Michigan Society of Neurology and Psychiatry. Under Dr. Bird's guidance of the Mental Health Committee, MSMS took renewed interest in current approaches to, and medical problems in, that field. He is a 1943 graduate of Harvard Medical School.

Fritz Bramigk, M.D., Detroit, was awarded the Distinguished Service Cross of the West German Republic for efforts in sending medicine, food and clothing to Europe. Dr. Bramigk, a Detroit practitioner, is a native of Germany who came to the United States in 1923 as assistant pathologist at the University of Tennessee.

* * *

The American Academy of Pediatrics, Michigan Branch will hold an all-day meeting on Tuesday, September 27, in Grand Rapids. A clinical conference at 10:00 a.m. will be held at Butterworth Hospital with active cases being presented by the Western Michigan Pediatric Society. Discussants will be: Ralph V. Platou, M.D., New Orleans, La.; J. A. Johnston, M.D., Detroit; J. L. Wilson, M.D., Ann Arbor; Paul V. Woolley, M.D., Detroit, and Wolf W. Zuelzer, M.D., Detroit.

The afternoon program to be held in the Schubert Room of the Pantlind Hotel will feature a series of short papers.

A reception will be held in the Sadler Lounge, Pantlind Hotel, at 6:30 p.m. with Mead Johnson and Company of Evansville, Indiana, as host.

Dinner will be followed by a talk on "Pediatric Pedagogy" by Ralph V. Platou, M.D.

Harry A. Towsley, M.D., State Chairman, Michigan Branch, has invited all members of the American Academy of Pediatrics in Michigan to attend the September 27 Conference, which will precede the MSMS Annual Session by one day.

Back to first principles for REAL BREAD

The makers of Pepperidge Farm Bread believe in fresh natural ingredients for nutritionally valuable and taste-pleasing bread.

So the flour for our Whole Wheat Bread is stone-ground in our own grist mills—contains the wheat germ and all the natural goodness of the whole grain. And we use whole milk, sweet cream butter, yeast and unsulphured molasses to make our bread.

We offer White Bread, too—made with unbleached flour, dairy-fresh ingredients.

We suggest that Pepperidge Farm Bread deserves a place on your table.

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Indications:

Rheumatoid arthritis

Bronchial asthma

Inflammatory skin conditions



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DIVISION OF MERCK & CO., INC.

A Fellowship in Pediatric Neurology is available at the Children's Neurology Clinic of the Cook County Hospital in Chicago. The Fellowship will provide clinical training in the diagnosis and rehabilitation of children with neuromuscular handicaps. In addition, the trainee will be expected to participate in a clinical laboratory problem. The annual stipend will vary from \$3,000 to \$5,000, depending upon the qualifications of the applicant.

For further information, write M. A. Perlstein, M.D., 4743 N. Drake Avenue, Chicago 25, Illinois.

* * *

The next examinations of the Michigan State Board of Registration in Medicine will be held on Wednesday, Thursday and Friday, October 12, 13 and 14, 1955, in Lansing. The application form and fee is to be filed with J. Earl McIntyre, M.D., Secretary, Michigan State Board of Registration in Medicine, 118 Stevens T. Mason Building, Lansing, Michigan.

* * *

Michigan Blue Cross-Blue Shield will hold its fifth annual Statewide non-group enrollment campaign this year during the two-week period running from October 9 through October 22, 1955. Benefits have been increased substantially this year.

Through this special non-group program, Blue Cross-Blue Shield is able to extend broad hospital and surgical coverage on a direct enrollment basis to the thousands of Michigan people who are not able to enroll through regular employee, farm or professional groups.

MEDICAL TELEVISION SHOWS, OVER WJBK-TV

Sponsored by the
Michigan Health Council

Date	Subject	Guests
June 26	Stop! . . . Rheumatic Fever!	A Film
July 3	A Career With Epilepsy	A Film
July 10	Vacation Health Hazards	F. P. Rhoades, M.D., Detroit
July 17	Summer Accidents	Clarence L. Candler, M.D., Detroit
July 24	Farm Safety Week	Wm. G. Buchinger, Detroit Richard Pfister, East Lansing
July 31	Medical Associates	A Film

Enrollment for this non-group coverage will be open to any Michigan resident under sixty-five. The only condition is that married persons must enroll the spouse and unmarried children under nineteen. The spouse, however, can be over sixty-five.

The non-group benefits have been further broadened this year. Inquiries may be made at any local office, or by writing Blue Cross-Blue Shield, 441 E. Jefferson, Detroit 26, Michigan.

No physical examination or health statement is required. Even chronic and pre-existing conditions are covered after the contract has been in effect six months.

SEPTEMBER, 1955

Say you saw it in the Journal of the Michigan State Medical Society

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NEWS MEDICAL

The only other waiting periods are nine months for maternity benefits and six months in the case of removal of children's tonsils and adenoids. All other conditions are covered from the date the contract becomes effective.

* * *

The Wayne County Medical Society—Detroit Free Press Medical Forum began September 12 in the Rackham Memorial Building, Detroit. The public was invited free of charge to hear a new type of medical program designed to give Detroiters the latest information on how to live with serious diseases.

Living successfully with heart disease, rheumatism, arthritis and cancer were highlighted at the three medical forum sessions held on September 12, 19, and 26.

William Bromme, M.D., Detroit, is Chairman for the Medical Forum; Milton A. Darling, M.D., is President of the Wayne County Medical Society.

The second series of medical forums will carry on where the other left off. Subjects selected will be illnesses of greatest concern to those who attended the first forums.

The doctors of medicine speak informally and plainly, at these forums, in language the laymen understand.

* * *

Presiding officers at the Ninth Annual Fall Post-graduate Clinic of the Michigan Academy of General Practice, Sheraton-Cadillac Hotel, Detroit, November 9-10, 1955, will be W. S. Jones, M.D., Menominee, MSMS President; Milton A. Darling, M.D., Detroit, President of the Wayne County Medical Society; James

H. Fyvie, M.D., Manistique; John W. Rice, M.D., Jackson.

All AAGP members will receive twelve hours of formal study course credit for attendance. John R. Fowler, M.D., of Barre, Massachusetts, AAGP President, will be the banquet speaker of November 9.

* * *

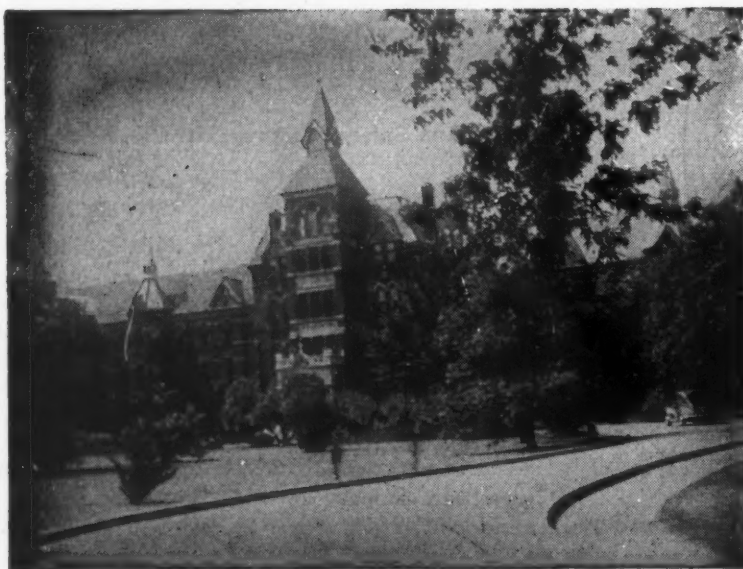
Seventh Michigan Cancer Conference.—The Michigan and Southeastern Michigan Divisions of the American Cancer Society, in co-operation with the Michigan Cancer Co-ordinating Committee, will sponsor the Michigan Cancer Conference on Thursday and Friday, October 13 and 14, 1955, at the Kellogg Center, Michigan State University Campus, East Lansing.

H. M. Nelson, M.D., of Detroit, will act as chairman. The program on Friday, October 14, is as follows: E. T. Thieme, M.D., Ann Arbor, will speak on "Intestinal Cancer." Gerald S. Wilson, M.D., Medical Director of the Yates Memorial Clinic, will give a paper on the detection of cancer through periodic health examinations. J. E. Lofstrom, M.D., Detroit, will speak on advances in radio therapy and will include some of the experience he has gained with use of the cobalt bomb at Detroit Memorial Hospital. Olen H. McConnell, D.D.S., Grand Rapids, will cover the subject of oral cancer.

The Friday, October 14, luncheon speaker will be William Baum, M.D., National Institute of Health, Bethesda, Maryland, who will speak on the general subject of the rôle of government in the cancer control program. The luncheon speakers will be followed by a question-and-answer period.

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Newly reorganized and modernized for individualized care and treatment of the nervous and mentally ill and alcoholic.

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The Detroit Institute of Cancer Research will hold its eighth annual meeting October 17 through 19, 1955. The sessions on Wednesday, October 19, are particularly directed toward practicing physicians. A new feature is introduced in the morning program on that day with the presentation of a symposium on pulmonary cancer. This program has been arranged and will be moderated by Dr. Arthur Vorwald, Chairman of the new Department of Industrial Medicine and Hygiene at Wayne University College of Medicine. The Detroit Institute of Cancer Research is joined by Wayne University and the American Cancer Society, Southeastern Division, as co-sponsors.

Monday, October 17, 1955

Morning Session—9:45 a.m.

Introduction to the Scientific Program

MILTON A. DARLING

Effects of Partial-cell Irradiation on Chromosome Structure and Movements

RAYMOND E. ZIRKLE

The University of Chicago

Gene Action, Enzyme Synthesis, and Growth

DAVID M. BONNER

Yale University

Afternoon Session—2:00 p.m.

Symposium on Host Factors in Resistance

WALTER J. NUNGESTER—Moderator

General Factors in Host Resistance to Disease

PAUL R. CANNON

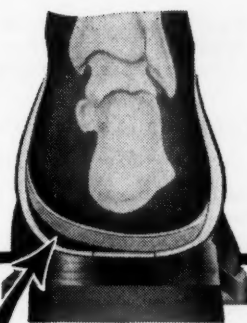
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NEWS MEDICAL

Immunological Aspects of Resistance to Tumors
JEROME T. SYVERTON
University of Minnesota

Tuesday, October 18, 1955

Morning Session—10:00 a.m.

Electronic Structure and Carcinogenic Activity of Aromatic Molecules

BERNARD PULLMAN

Institut du Radium, Paris

Correlation of Physical Dose and Biological Effects of Ionizing Radiation

G. FAILLA

Columbia University

Afternoon Session—2:00 p.m.

The Enhancing Effect and Possibly Related Phenomena

GEORGE D. SNELL

Roscoe B. Jackson Memorial Laboratory

Ascites Tumors as Biological Tools

HILARY KOPROWSKI

Lederle Laboratories Division

American Cyanamid Company

Wednesday, October 19, 1955

Morning Session—9:00 a.m.

Symposium on Cancer of the Lung

ARTHUR J. VORWALD—Moderator

Etiological Implications of the Geographical Distribution of Pulmonic Cancer

PAUL E. STEINER

The University of Chicago

Pulmonary Carcinogenesis in Relation to Vehicular Exhausts and Liquid Fuels

PAUL KOTIN

University of Southern California

The Cytology of Sputum and Bronchial Washings in the Diagnosis of Pulmonary Cancer

L. B. WOOLNER

Mayo Foundation Graduate School

Afternoon Session—1:45 p.m.

Cancer in Childhood, with Special Reference to the Management of Abdominal Tumors

C. EVERETT KOOP

The Children's Hospital of Philadelphia

Radioactivity—Its Contribution to the Cancer Problem

JOE W. HOWLAND

The University of Rochester

A Rational Approach to Treatment of Carcinoma of the Cervix

LANGDON PARSONS

Boston University

Clinical Recognition of Oral Cancer

DANELY P. SLAUGHTER

University of Illinois

* * *

A scholarship for undergraduates preparing for medical careers has been established at Hamilton College in Clinton, New York, by the Lillia Babbitt Hyde Foundation of New York City. Hamilton College, a liberal

arts college which limits its enrollment to 600 men, was established in 1793. For details, write Hamilton College Public Relations Bureau, Clinton, New York.

* * *

The New York Academy of Medicine will hold its twenty-eighth annual Postgraduate Fortnight, October 10-21, on the subject of "Problems of Aging." The program will consist of twenty evening lectures and four evening panel meetings; six morning panel meetings; nineteen afternoon hospital clinics; and inspection of five community educational and recreational day centers for the aged. For program and detailed information, write Robert L. Craig, M.D., 2 East 103rd Street, New York 29, N. Y.

* * *

Dr. Irving S. Wright, Professor of Clinical Medicine, Cornell University, will deliver the Annual Max Ballin Memorial Lecture at a dinner sponsored by Sinai Hospital on Thursday evening, December 1, at the Sheraton Cadillac Hotel in Detroit. Dr. Wright will speak on Peripheral Vascular Disease.

Advance reservations may be made by writing to Sinai Hospital, 6767 Outer Drive, Detroit, or calling BRoadway 3-3000.

THE CONSTIPATED INFANT

(Continued from Page 1066)

ing out the colon of the infant with megacolon is not always easy, and the feces may require manual removal. The use of cleansing enemas is sometimes effective. More recently, the use of Aerosol wetting agent as a retention enema, along with mineral oil, has been of great value.

References

1. Barga, J. Arnold: A method of improving function of the bowel: the use of methylcellulose. *Gastroenterology*, 13:275-278 (Oct.) 1949.
2. Brown, Samuel S., and Schoen, Austin H.: Congenital anorectal stricture. *J. Pediatrics*, 36:746-751 (June) 1950.
3. Musick, Vern H.: Effectiveness of methylcellulose in gastrointestinal disturbances. *J. Oklahoma M. A.*, (Aug.) 1950.
4. Swenson, Orvar: Rheinlander, Harold F., and Diamond, Israel: Hirschsprung's disease: a new concept of etiology. *New England J. Med.*, 241:551-556 (Oct. 13) 1949.
5. Wilson, James L., and Dickinson, David G.: Use of dioctyl sodium sulfosuccinate (Aerosol O. T.) for severe constipation. *J.A.M.A.*, 158:261-263 (May 28) 1955.
6. Zuelzer, Wolf W., and Wilson, James L.: Functional intestinal obstruction on a congenital neurogenic basis in infancy. *Am. J. Dis. Child.*, 75:40-64 (Jan.) 1948.

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Acknowledgment of all books received will be made in this column, and this will be deemed by us as full compensation to those sending them. A selection will be made for review, as expedient.

BREAST CANCER and Its Diagnosis and Treatment. Edward F. Lewison, B.S., M.D., F.A.C.S., Assistant Professor of Surgery, Johns Hopkins University School of Medicine; Surgeon, Johns Hopkins Hospital; Surgeon, Out-Patient Department, Breast Clinic, Division of Tumor Clinic, Johns Hopkins Hospital. Baltimore: The Williams & Wilkins Company, 1955. Price, \$15.00.

A very complete text on breast cancer, giving the history, diagnosis and treatment, with prognosis and results. Eight authors have collaborated and offered chapters. The diagnosis is elaborately detailed. The choice of surgery is argued in light of modern usages as compared to Halstead's radical surgery. Many illustrations are given with detailed outlines of the surgical procedure.

What constitutes complete recovery is left to the reader's interpretation. One table is given, showing long-term survival with an ultimate recurrence, starting with ten years and ending with one of fifty years, then recurrence locally.

Another table shows experience at Johns Hopkins Hospital following radical mastectomy in 204 cases. Seventy-nine patients were living and well, and eleven

living with recurrence, a total of 44 per cent survival, but 5.4 having recurrence.

The book is very readable, interesting, and liberally illustrated.

MANAGEMENT OF ADDICTIONS. Edited by Edward Podolsky, M.D., Department of Psychiatry, Kings County Hospital, Brooklyn, New York. Editor of "Music Therapy" and "War Medicine." New York: Philosophical Library, 1955. Price \$7.50.

For this volume, the editor has brought together a series of interesting papers on an old but ever-challenging subject. These papers are arranged in two sections, the first, consisting of twenty-six articles on addictions to alcohol, and the second, consisting of nine papers on narcotic addiction. Except for the foreword, there is no further comment by the editor. However, the selection of papers, as well as the arrangement, does reveal his views on this complex problem.

From the reports, it would appear that chronic alcoholism is increasing in frequency, if not in complexity. A brief review of the Table of Contents of this volume would indicate there is little unanimity of opinion concerning management of the disorder, and even less general agreement concerning the exact nature of the disorder. Though this is debated with some vigor, most workers would agree that excessive drinking is symptomatic "of a psychopathological development" and that chronic alcoholism affects, the physi-

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cal, emotional, biochemical, cultural and economic facets
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Though definitions sometimes add confusion to an already beclouded problem, those quoted in this volume are sufficiently clear to be presented here. "A patient suffers from chronic alcoholism if he uses alcohol to such an extent that it interferes with a successful life (including physical, personality and social aspect), and he is either not able to recognize this effect or is not able to control his alcohol consumption, although he knows its disastrous results. An excessive drinker is an individual who uses alcohol frequently and in large quantities and may even behave pathologically when under the influence of alcohol. He is capable, however, of overcoming the habit when he becomes aware of

the necessity for it. A heavy drinker drinks heavily during social occasions, with frequent or even regular intoxication, but the drinking does not present serious handicaps."

Though, for some time, the excessive use of alcohol has been accepted as symptomatic of psychopathology, treatment along psychiatric lines has not proved a startling success. This is now used to discredit the psychiatric approach in spite of the fact that no other type of treatment or management has had any greater success. A brief review of the methods advised by the authors of these papers would serve to emphasize this point. In addition to psychotherapy, hypnotherapy and conditioned reflex therapy, the use of calcium, carbon dioxide, barbiturates, adrenal steroids, tolseral and anti-buse is discussed and debated. That there is some value in each of these methods cannot be questioned. On the other hand, with so many methods that promise success there can be no real enthusiasm for any single approach to the exclusion of any other forms of treatment. Until further investigation and research can establish a better understanding of the etiology and nature of addiction, such a large number of methods will exist. While our understanding of this complex problem remains at the present level a volume such as this will prove to be a useful aid to the student and practitioner.

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MODERN DRUG ENCYCLOPEDIA AND THERAPEUTIC INDEX. Edited by Marion E. Howard, M.D., F.A.C.P., Associate Clinical Professor, Department of Internal Medicine, Yale University School of Medicine; Associate Physician, Grace-New Haven Community Hospital and the Department of University Health, Yale University, New Haven, Conn. Sixth Edition. New York: Drug Publications, Inc., 1955.

This book is primarily an alphabetical listing of pharmaceuticals. 1,174 pages giving name of drug and manufacturer, an analysis of contents and a paragraph on action and uses, dosage and how supplied.

Then following a list of biologicals and allergens, there is a therapeutic index, a generic name index, a manufacturers and distributors index, and a general index.

As a reference, it is a very valuable book.



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COMMON LESIONS OF THE UPPER EXTREMITIES

(Continued from Page 1090)

treatment of these allied lesions. The importance of its use is dependent upon the proper timing in the course of the lesion. Also, it must be injected directly into the involved area.

We feel that the value of local use of compound F in this allied group of lesions is most optimistic.

References

1. Carstam, N.: The effect of Cortisone on the formation of tendon adhesions and on tendon healing. Acta chir. Scandinav., Supplement 182, 1953.
2. Crisp, E. J., and Kendall, P. Hume: Treatment of peri-arthritis of the shoulder with hydrocortisone.
3. Cyriax, J., and Trosier, O.: Hydrocortone and soft tissue lesions: Brit. M. J., 2:966-968 (Oct. 31) 1953.
4. Duff, I. F.; Mikkelsen, W. M.; Robinson, W. D., et al: Intra-articular Cortisone. Internat. Rec. Med., 167:515 (Sept.) 1954.
5. Hollander, J. L.: J. Bone & Joint Surg., 35A:497 (April) 1953.
6. Meier, H. L.: Epicondylitis. Schweiz med. Wchnschr., 84:971 (Aug. 21) 1954.
7. Wilson, P.: J. Bone & Joint Surg., 35A:559-572 (July) 1953.

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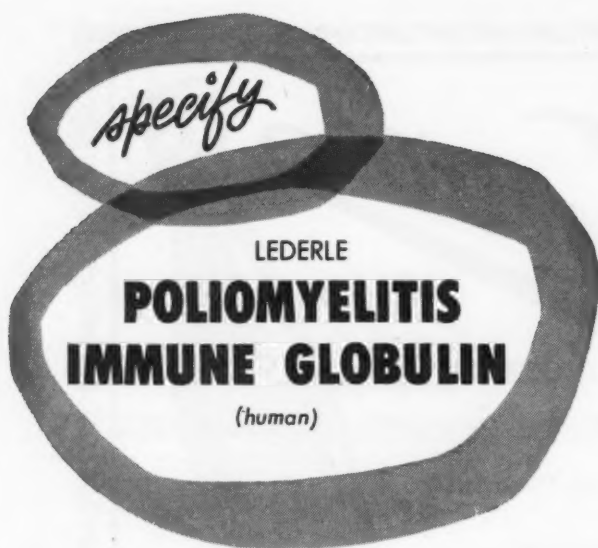
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General Surgery, two weeks, October 3; one week, October 17
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Dermatology, two weeks, October 17
RADIOLOGY—Clinical and Didactic Course, two weeks, October 3
Clinical Uses of Radioisotopes, two weeks, October 10
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RHEUMATIC FEVER

(Continued from Page 1099)

Summary and Conclusion

The changing character of a common disease, rheumatic fever, is emphasized with particular reference to the necessity of depending upon clinical observation rather than laboratory data for both diagnosis and prognosis.

The recognition of rheumatic carditis in 80 per cent of the cases of rheumatic fever constitutes the basis for diagnosis in the changed character of this disease.

The principle of the treatment of the disease may be described in one word, *rest*, not for days, weeks, or months, but often for decades; the usual ancillary measures are always of value.

Reasons are given to sustain the present opinion of this author that surgical approach to the treatment of mitral stenosis often should be designated as meddlesome in nature, because of a smouldering pancarditis.

The most hopeful aspect in the broad picture of this world-wide disease is that repeated exacerbations can be prevented by the continuous administration of antibiotics, notably penicillin.

References

1. Flint, Austin: Am. J. M. S., 3:28, 1854.
2. Flint, Austin: Textbook of Medical Practice. Fifth edition, 1880.
3. Taran, Leo: Bull. St. Francis Hospital (Jan.) 1955.

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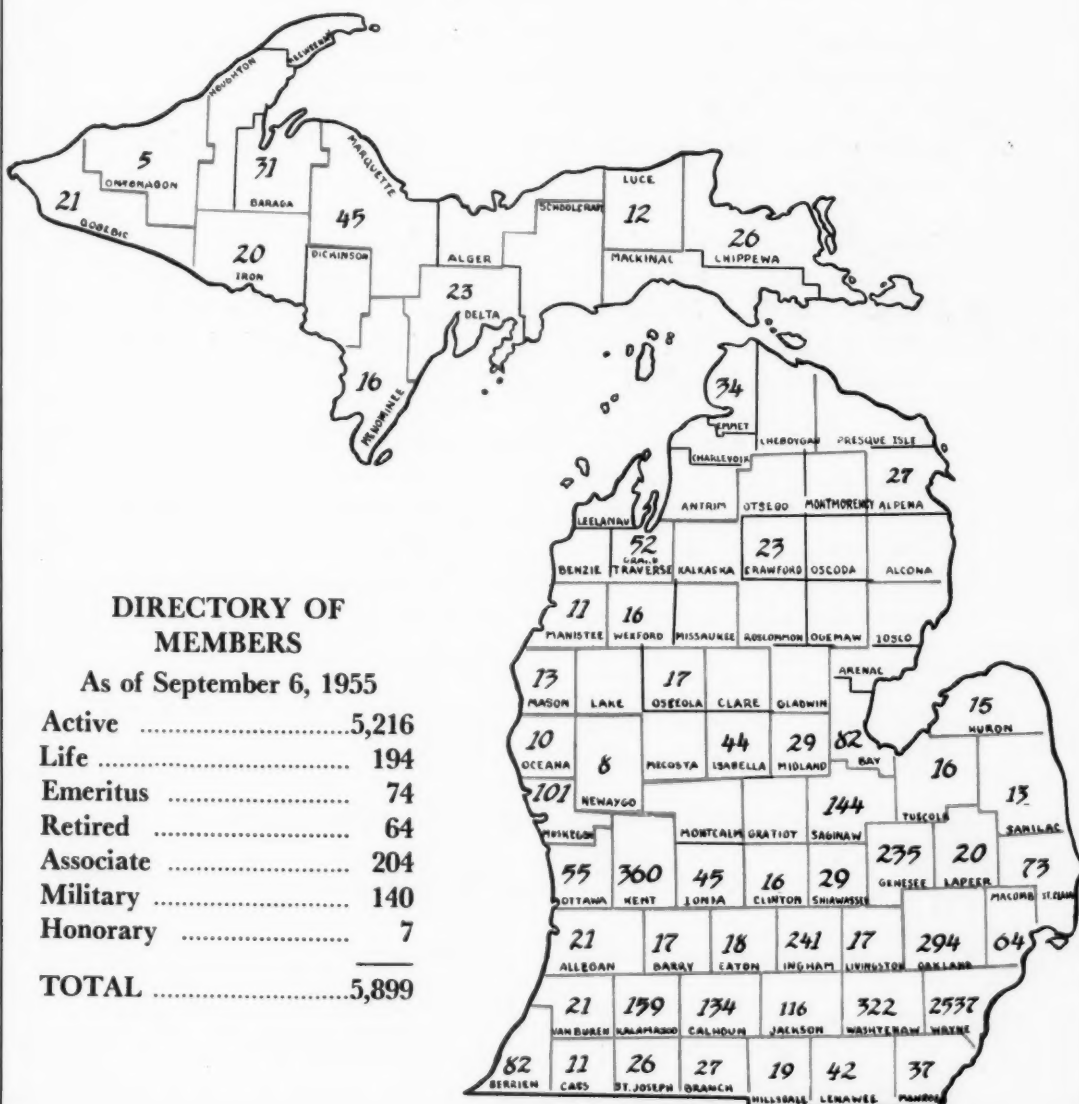
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Volume 54

September, 1955

Number 9

Roster Section—1955



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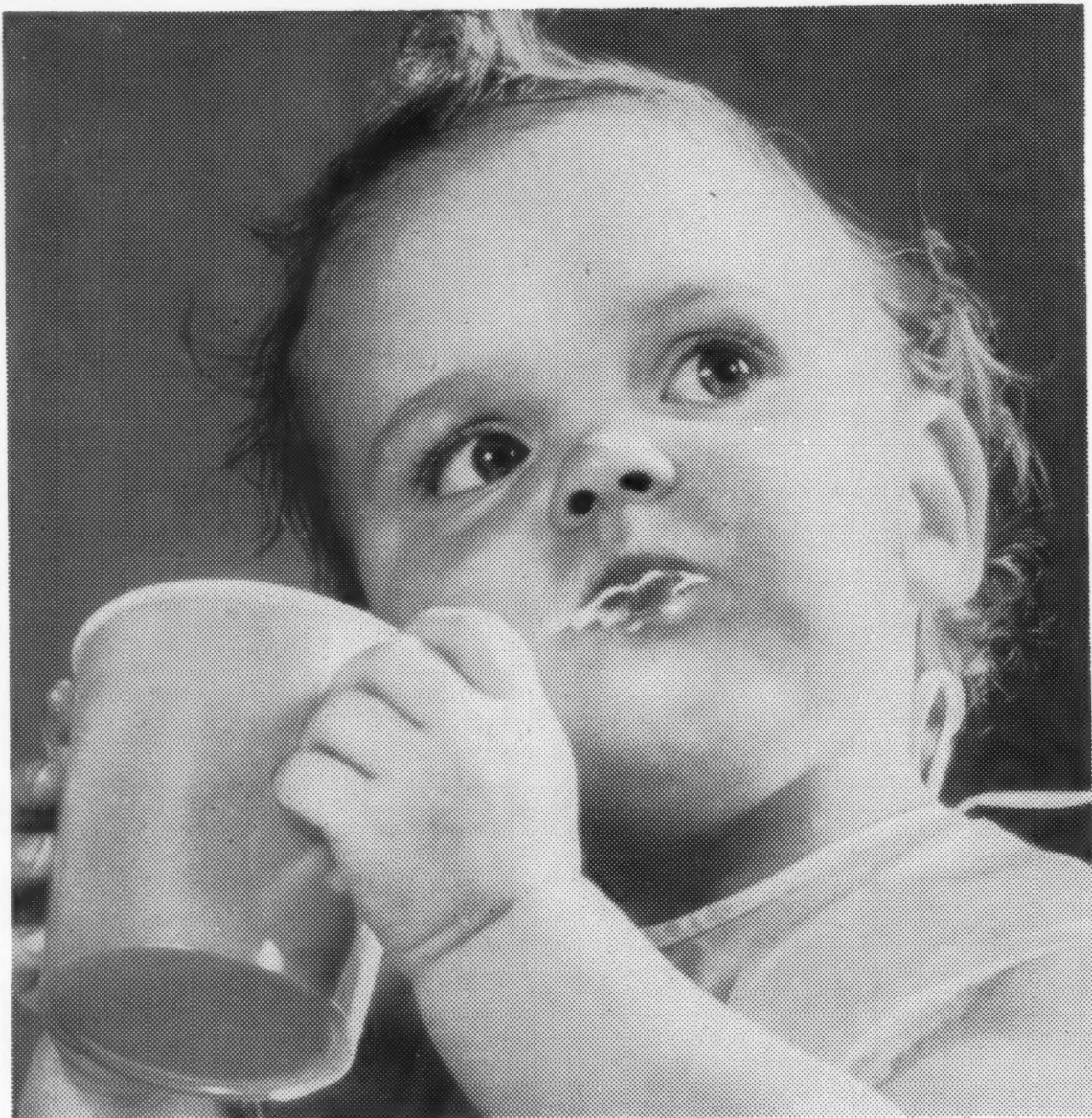
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Brown, George M.....	207 N. Walnut, Bay City	Fisher, Robert E.....	158 Capital Ave., Battle Creek
Campbell, J. S.....	704 N. Jackson St., Bay City	Follis, W. M.....	101 W. John St., Bay City
Chapin, F. J.....	101 W. John, Bay City	Foster, L. Fernald.....	919 Washington, Bay City
Connelly, C. James.....	1104 S. Madison, Bay City	Freel, John A.....	207½ Center Ave., Bay City
Cook, Hugh K.....	101 W. John, Bay City	Gamble, William G., Jr.....	2010 Fifth Ave., Bay City
Cosens, Stanley A.....	101 W. John St., Bay City	Gelman, J. R. (M).....	USA Hospital, Ft. Jackson, S. C.
Crissey, Robert R.....	101 W. John St., Bay City	Grosjean, J. C. (L).....	1214 McKinley Ave., Bay City

Gunn, R. P.....200 Lafayette Ave., Bay City
Hagelshaw, G. L.....101 W. John, Bay City
Hess, C. L. (R).....1233 East Thomas Rd., Phoenix, Ariz.
Heuser, Harold H.....207 Davidson Bldg., Bay City
Horowitz, S. F.....1415 Center Ave., Bay City
Howland, Walter L.....Pinconning
Huckins, Edward S.....436 Cass Ave., Bay City
Huckins, Rodger S.....1802 Broadway, Bay City
Hughes, E. C. (L).....505 N. Madison, Bay City
Husted, F. Pitkin.....812 N. Grant, Bay City
Jacoby, A. H.....2202 Ninth St., Bay City
Jens, Otto F.....1106 Prairie, Essexville
Johnson, Orlen J.....207 N. Walnut, Bay City
Jones, Culver.....900 Jackson Ave., Bay City
Kershul, V. W.....304 W. Lincoln, East Tawas
Kessler, Mana.....201 Shearer Bldg., Bay City
Kessler, Saba.....201 Shearer Bldg., Bay City
Knobloch, Howard T.....1102 Columbus Ave., Bay City
Kulinski, Eugene J.....207 N. Walnut St., Bay City
Lambert, Leslie A.....East Tawas
Langin, J. L.....Mercy Hospital, Bay City
LaPorte, Lawrence A.....308 Newman, East Tawas
MacRae, L. Douglas.....813 Sherman St., Bay City
McDonnell, Walter R.....Pinconning
McEwan, John H.....307 Davidson Bldg., Bay City
McGee, Harry B.....1705½ Third St., Bay City
Medvezky, M. J.....1104 S. Madison, Bay City
Miller, Edwin C.....101 W. John St., Bay City
Miller, M. C.....3380 Midland Road, Bay City

Moore, George W. (L).....200 N. Barclay, Bay City
Moore, Neal R.....704 N. Jackson, Bay City
Mosier, Dwight J.....101 W. John St., Bay City
Payea, Norman.....217 Newman St., East Tawas
Pearson, Stanley M.....101 W. John St., Bay City
Pelczar, W. E.....321 N. Johnson St., Bay City
Reddick, C. E.....Court House, Bay City
Reed, Wm. S.....1705½ Third St., Bay City
Reuter, Clarence W.....101 W. John St., Bay City
Shafer, Harold C.....101 W. John St., Bay City
Sherman, R. N. (R).....Bradenton Beach, Fla.
Smith, J. Campbell.....R.R. No. 2, Tekonsha
Staley, Hugh O.....Omer
Stinson, W. S.....101 W. John St., Bay City
Switzer, Lars W.....Chevrolet Motor Co., Bay City
Taheri, Z. E.....511 Center Ave., Bay City
Tarter, Clyde S.....1712 Center Ave., Bay City
Taylor, R. S.....900 N. Jackson, Bay City
Tompkins, Dana A.....Pinconning
Urmston, Paul R.....303 Davidson Bldg., Bay City
Warren, E. C. (E).....407 Main St., Vanderbilt
Wilcox, James W.....1115 Fifth Ave., Bay City
Wilson, Thomas G.....900 N. Jackson, Bay City
Woodburne, H. L.....308 Davidson Bldg., Bay City
Wright, T. B. (M).....USN, Great Lakes Station,
Chicago, Ill.
Zaremba, Aloysius J.....108 S. Madison Ave., Bay City
Ziliak, A. Lawrence, Jr.....707 N. Lincoln, Bay City

BERRIEN COUNTY

Anderson, Bertha M. G.....262 Pleasant St., Benton Harbor
Bailey, John H.....204 Fidelity Building, Benton Harbor
Beal, G. N.....Sheperd & Benning Bldg., St. Joseph
Benner, Wm. H.....700 Empire, Benton Harbor
Bliesmer, A. F.....505 Pleasant St., St. Joseph
Bronfenbrenner, Jack.....316 Fidelity Bldg., Benton Harbor
Burrell, H. J. (R).....983 Ogden, Benton Harbor
Bush, C. W.....County Hospital, Berrien Center
Butler, W. J.....519 Ship St., St. Joseph
Cawthorne, H. J.....239 Pipestone, Benton Harbor
Chickering, Wm. A.....205 E. Delaware, St. Joseph
Conway, Joseph.....Watervliet
Conybeare, R. C.....416 Fidelity Bldg., Benton Harbor
Cooper, W. L.....275 Paw Paw St., Coloma
Cowdery, K. H.....1600 Niles, St. Joseph
Crowell, Richard C.....519 Ship St., St. Joseph
Dalgleish, A. J.....460 N. Main St., Watervliet
Dunnington, Ruel N.....143 Pipestone, Benton Harbor
Eidson, Hazel D.....Berrien Springs
Elghammer, R. M.....190 Michigan St., Benton Harbor
Elliott, J. Colin.....207½ E. Front St., Buchanan
Emery, C. S.....1020 Niles St., St. Joseph
Faber, Michael.....209 State Bank Bldg., Benton Harbor
Fattic, G. R., Jr.....61 N. St. Joseph St., Niles
Feeley, M. J.....612 Elm St., St. Joseph
Feldmann, Robert J.....P.O. Box 124, Bridgman
Foucek, B. C.....4 Maple St., Three Oaks
Friedman, M. E.....Box 87, New Buffalo
Galles, James O.....275 Paw Paw St., Coloma
Garrett, Evan L.....61 N. St. Joseph, Niles
Gillette, Clarence.....Niles
Green, Barbara.....2600 Morton Ave., St. Joseph
Green, R. L.....2600 Morton St., St. Joseph
Gustin, R. D.....100½ Ferry St., Berrien Springs
Harrison, L. L.....304 Main St., Niles
Hart, Russell T.....7 South Seventh St., Niles
Hassan, D. K. (M).....115½ E. Front, Buchanan
Hayes, Thomas P.....922 Main St., St. Joseph
Helkie, William L. (E).....203 S. Ironwood Drive,
South Bend, Ind.
Henderson, Fred C.....107 N. Second, Niles
Hershey, N. J.....1648 Broadway, Niles
Holt, Robert E., Jr.....107 North Second, Niles

Howard, F. W.....131 East Main St., Benton Harbor
Huff, H. D.....126 E. Main St., Niles
Irgens, Edwin R.....11 Peoples State Bank, St. Joseph
Johnston, William H.....505 Pleasant St., St. Joseph
Kelsall, H. I.....1600 Niles, St. Joseph
Kennedy, Francis A.....239 Pipestone St., Benton Harbor
King, B. B.....210 Fidelity Bldg., Benton Harbor
King, Frank A., Jr.....610 Fidelity Bldg., Benton Harbor
Klos, Henry J.....2121 Niles, St. Joseph
Landgraf, R. L.....107 N. Second St., Niles
Leva, John B.....312 Fidelity Bldg., Benton Harbor
Lindenfeld, Frederick H.....8 N. St. Joseph, Niles
Lininger, R. E.....Mercy Hospital, 700 Empire Ave.,
Benton Harbor
Manning, John T.....922 Main St., St. Joseph
McNabb, Arthur A.....469 Main St., Watervliet
Miller, E. A.....State Bank Bldg., Berrien Springs
Moore, T. Scott.....107 N. Second St., Niles
Ozeran, Charles J.....98 Water St., Benton Harbor
Padelford, Wm. J.....922 Main St., St. Joseph
Peshka, D. K.....61 N. St. Joseph, Niles
Polansky, Sanford.....84 West Main St., Benton Harbor
Porter, C. B.....170 Wall St., Benton Harbor
Pritchard, Harold M.....1 South Fifth St., Niles
Rague, P. O.....1287 Seneca Road, Benton Harbor
Ray, Dean K.....617 Elm St., St. Joseph
Reagen, Robert E.....190 Michigan St., Benton Harbor
Rice, Franklyn A., Sr.....324 No. Fourth St., Niles
Rice, Franklyn G.....324 N. Fourth St., Niles
Richmond, D. M.....314½ State St., St. Joseph
Ruth, J. G.....190 Michigan Ave., Benton Harbor
Sowers, Bouton F.....210 Fidelity Bldg., Benton Harbor
Strayer, John W.....107 N. Second St., Niles
Strick, Marvin H.....311 Fidelity Bldg., Benton Harbor
Swingle, Alvin J.....84 W. Main, Benton Harbor
Thorup, D. W.....610 Fidelity Bldg., Benton Harbor
Urist, Maurice D.....454 Pipestone, Benton Harbor
Vastine, Russell J., Jr.....113 N. Portage, Buchanan
Westervelt, H. O.....539 Pearl St., Benton Harbor
Winegar, A. C.....190 Michigan Ave., Benton Harbor
Woodford, Hackley E.....191 Michigan, Benton Harbor
Zick, L. H.....190 Michigan, Benton Harbor

BRANCH COUNTY

Aldrich, Napier S.....15 E. Pierce St., Coldwater
 Andrews, Frank A.....State Home & Trg. School,
 Coldwater
 Bailey, James E., Jr.....292 E. Chicago St., Coldwater
 Beck, Perry C.....235 N. Walker St., Bronson
 Bien, Walter J.....Coldwater
 Coates, C. A.....105 E. Chicago St., Quincy
 Culver, Bert W. (L).....78 Division, Coldwater
 Culver, Dean T.....78 Division, Coldwater
 Fraser, R. J.....22 W. Pearl St., Coldwater
 Gomley, Henry C.....108 E. Chicago, Bronson
 Harris, D. M.....35 S. Sprague St., Coldwater
 Heffelfinger, J. C.....292 E. Chicago St., Coldwater
 Leitch, R. M.....304 N. Broadway, Union City

McLain, R. W. (L).....37 Janoah Ave., Battle Creek
 Meier, H. J.....87 W. Pearl St., Coldwater
 Mitchell, H. C.....State Home & Trg. School, Coldwater
 Mooi, H. R.....292 E. Chicago St., Coldwater
 Moss, H. L.....292 E. Chicago St., Coldwater
 Nettleman, W. E.....87 W. Pearl St., Coldwater
 Rees, Kendall B.....State Home & Trg. School
 Coldwater
 Rennell, E. J.....Box 148, Coldwater
 Rick, J. J.....50 Division St., Coldwater
 Smith, R. E.....304 N. Broadway, Union City
 Thomas, J. A.....18 N. Monroe St., Coldwater
 Wade, R. L. (L).....116 E. Chicago St., Coldwater
 Walton, N. J.....61 E. Chicago St., Quincy
 Weidner, H. R.....50 Division St., Coldwater

CALHOUN COUNTY

Albright, A. A.....401 Security Bank Bldg., Battle Creek
 Amos, Norman H.....1704 Wolverine Tower, Battle Creek
 Anderson, F. O. (A).....Jefferson & Pershing,
 Springfield, Mo.
 Anderson, Harold E.....501 Post Bldg., Battle Creek
 Barden, Stuart P.....Leila Y. Post Montgomery Hosp.,
 Battle Creek
 Baribeau, Roy H.....531 Post Bldg., Battle Creek
 Becker, Harry F.....Route 3, Box 303A, Battle Creek
 Berghorst, John (A).....VA Hospital, Battle Creek
 Beuker, Herman.....120 E. Mich. Ave., Marshall
 Bodine, Harold R.....716 Michigan National Bank Bldg.,
 Battle Creek
 Bolen, J. G. (A).....3830 W. Michigan, Battle Creek
 Bonifer, Philip P.....1008 Wolverine Tower, Battle Creek
 Brainard, C. W.....1002 Security Bank Bldg., Battle Creek
 Brown, Robert W.....140 Capitol Ave., N.E.
 Battle Creek
 Campbell, Alice F.....103 E. Mulberry St., Albion
 Campbell, Jack.....611 Michigan National Bank,
 Battle Creek
 Campbell, Richard J.....140 Capital Ave., N.E.,
 Battle Creek
 Capron, Manley J.....618 Post Bldg., Battle Creek
 Chandler, Edward M.....1407 Security Bank Bldg.,
 Battle Creek
 Chynoweth, W. R.....207 Post Bldg., Battle Creek
 Coakes, J. E.....112 W. Mansion, Marshall
 Colquhoun, Graham F.....401 Security Tower,
 Battle Creek
 Cooper, J. E. (L).....298 W. Van Buren, Battle Creek
 Curry, Robert K.....Homer
 Diamante, Paul J.....1704 Wolverine Tower, Battle Creek
 Dickson, A. R.....1002 Security Bank Bldg., Battle Creek
 Dietrich, A. M., Jr.....American Legion Hosp.,
 Battle Creek
 Dodge, Warren M., Jr.....1207 Wolverine Tower,
 Battle Creek
 Fairbanks, Stephen.....306 S. Superior, P.O. Box 67, Albion
 Ferazzi, Patrick S., Lt., MC (M).....Quarters S.A., NAS,
 San Diego, Calif.
 Finch, D. L.....719 S.W. Capital Ave., Battle Creek
 Forsyth, J. E.....217½ S. Superior St., Albion
 Fraser, Robert H.....1112 Security Bank Bldg.,
 Battle Creek
 Funk, L. D.....133 W. Burr Oak, Athens
 Gething, Joseph W. (L).....803 Security Bank Bldg.,
 Battle Creek
 Giddings, A. M. (L).....Battle Creek San., Battle Creek
 Gilfillan, Margery J. (L).....Battle Creek San.,
 Battle Creek
 Gorsline, C. S. (L).....85 Orchard Place, Battle Creek
 Graubner, F. L.....Bogar Theatre Bldg., Marshall
 Hamady, Alfred.....140 Capitol Ave., N.E.,
 Battle Creek
 Hanan, Robert (A).....Leila Y. Post Montgomery Hosp.,
 Battle Creek

Hansen, E. L.....216 North Avenue, Battle Creek
 Hansen, Harvey C.....417 Post Bldg., Battle Creek
 Haughey, Wilfrid (L).....610 Post Bldg., Battle Creek
 Heald, C. W. (L).....67 Oaklawn, Battle Creek
 Henderson, Philip M.....109 West Erie St., Albion
 Herman, Louis (A).....VA Hospital, Battle Creek
 Herzer, Henry A. (L).....208 Irwin Ave., Albion
 Hibbs, Donald K.....622 Post Bldg., Battle Creek
 Hill, W. C.....914 Zewelka Bldg., Appleton, Wisc.
 Holtom, B. G.....815 Security Bank Bldg., Battle Creek
 Hoyt, A. A. (L).....141 N. Merwood Drive, Battle Creek
 Hubly, J. W.....1407 Security Nat. Bank Bldg., Battle Creek
 Humphrey, Arthur A.....914 Security Bank Bldg.,
 Battle Creek
 Humphrey, A. E.....122 N. Madison, Marshall
 Jeffrey, J. R.....Battle Creek San., Battle Creek
 Jones, Aubrey H. (A).....Veterans Hospital, Fort Custer
 Jones, E. F. (A).....VA Hospital, Battle Creek
 Jones, T. K.....118 W. Green St., Marshall
 Keagle, Leland R.....196 North Ave., Battle Creek
 Keeler, K. B.....205½ S. Superior St., Albion
 Kelleher, George T.....613 Post Bldg., Battle Creek
 Kimball, A. S., Jr.....196 Capitol Ave., N.E.,
 Battle Creek
 Kinde, M. R.....48 Merwood Drive, Battle Creek
 Kingsley, Paul C.....191 College, Battle Creek
 Kolvoord, Theodore.....47 Minges Rd., Battle Creek
 La France, N. Francis (A).....Veterans Hospital,
 Fort Custer
 Lam, Francis L.....408½ Capital Ave., S.W., Battle Creek
 Lancaster, Vance B.....1206 Security Tower, Battle Creek
 Lentz, C. S. (A).....258 Capitol Ave., N.E., Battle Creek
 Levine, S. L. (A).....VA Hospital, Battle Creek
 Levy, Joseph, Jr.....1208 Wolverine Tower, Battle Creek
 Lewis, W. B. (L).....110 Irving Park Drive, Battle Creek
 Lowe, Kenneth H.....401 Security Bank Bldg.,
 Battle Creek
 Lowe, Stanley T.....1009 Security Bank Bldg., Battle Creek
 Lynk, S. M. (A).....VA Hospital, Battle Creek
 MacGregor, Archibald E. (L).....1510 Security Bank Bldg.,
 Battle Creek
 Marino, S. G. (A).....VA Hospital, Battle Creek
 McCuaig, A. G.....719 S.W. Capital Ave., Battle Creek
 McNair, L. N.....205½ S. Superior, Albion
 Meister, F. O.....806 Security Tower, Battle Creek
 Melges, Fred J.....1506 Security Bank Bldg., Battle Creek
 Mercer, C. M.....512 Michigan Nat. Bank Bldg.,
 Battle Creek
 Mitton, O. W.....Battle Creek Sanitarium, Battle Creek
 Morrison, Donald B.....719 S.W. Capital Ave.,
 Battle Creek
 Mullenmeister, Hugh F.....275 Capital, N.E., Battle Creek
 Mustard, Russell L.....1407 Security Bank Bldg.,
 Battle Creek
 Norgan, Anne (A).....VA Hospital, Battle Creek
 Olsen, A. L. (A).....VA Hospital, Battle Creek
 Orr, Eli H. (A).....VA Hospital, Battle Creek

Parkinson, C. E.....	Leila Y. Post Hospital, Battle Creek	Stiefel, Richard A.....	1407 Security Bank Bldg., Battle Creek
Patrick, Gilbert T.....	505 Security Bank Bldg., Battle Creek	Strohmenger, Frank J.....	400½ S. Superior St., Albion
Pearson, Donald J.....	255 North Avenue, Battle Creek	Tannenholtz, Harold S.....	1614 Security Bank Bldg., Battle Creek
Pier, C. T. (A).....	VA Hospital, Battle Creek	Taylor, Clifford B.....	308½ S. Superior St., Albion
Power, J. R.....	140 N.E. Capital, Battle Creek	Tazelaar, M. A.....	219 N. Madison, Marshall
Robbert, John.....	191 College, Battle Creek	Vander Kamp, Harry (A).....	VA Hospital, Battle Creek
Robins, Hugh B.....	237 Fremont, Battle Creek	VanderVoort, Wm. V. (L).....	Battle Creek San., Battle Creek
Rorich, Wilma Weeks.....	166 Capital Ave. N.E., Battle Creek	Verity, Lloyd E.....	806 Security Tower, Battle Creek
Rosenfeld, J. E.....	158 Capitol, N.E., Battle Creek	Waid, Margaret E.....	230 N. Dancer Rd., RFD No. 1, Dexter
Royer, Clark W.....	1508 Wolverine Tower, Battle Creek	Walker, Charles S.....	709 W. Van Buren, Battle Creek
Rowan, Russell C.....	205½ S. Superior, Albion	Walters, John F.....	41 North Washington, Battle Creek
Sandy, W. A. (A).....	VA Hospital, Battle Creek	Way, Kenneth E.....	111 N. Jefferson St., Marshall
Schwarz, Frank W.....	31 Orchard Place, Battle Creek	Wemmer, K. S.....	1501 W. Michigan Ave., Battle Creek
Sharp, A. D.....	308 S. Superior, Albion	Wencke, Carl G.....	1015 Security Bank Bldg., Battle Creek
Sharp, W. T. (A).....	VA Hospital, Battle Creek	Whitney, J. M. (A).....	622 W. Michigan Ave., Battle Creek
Shellenberger, Herbert M.....	108½ W. Michigan, Marshall	Williams, E. S. (A).....	271 Chestnut St., Battle Creek
Shipp, Leland P.....	1414 Security Bank Bldg., Battle Creek	Winslow, Sherwood B.....	1509 Security Nat. Bank Bldg., Battle Creek
Simpson, Robert S.....	1507 Wolverine Tower, Battle Creek	Worgess, Duane R.....	45 Territorial Road, West, Battle Creek
Slagle, George W.....	140 N.E. Capitol, Battle Creek	Yannitelli, S. A.....	132 W. Hamilton Lane, Battle Creek
Sleight, James D.....	401 Security Bank Bldg., Battle Creek	Zheutlin, Bertram.....	50 Adams St., Battle Creek
Smith, J. S. (A).....	VA Hospital, Battle Creek	Zindler, George A.....	1206 Security Tower, Battle Creek
Smith, R. L. (A).....	681 Capital Ave., S.W., Battle Creek		
Stadle, Wendell H. (R).....	607 Jennings Landing, Gogua Lake, Battle Creek		

CASS COUNTY

Adams, Uriah M.....	Marcellus	Loupee, George E.....	Dowagiac
Clary, Rudolph I.....	Dowagiac	Loupee, S. L. (L).....	Dowagiac
Comstock, L. D., Jr.....	216½ S. Front St., Dowagiac	Pierce, Frank L. (L).....	Dowagiac
Everett, D. W.....	Edwardsburg	Pierce, K. C.....	140½ S. Front, Dowagiac
Hickman, J. K.....	212½ S. Front, Dowagiac	Rutz, L. M.....	Marcellus
		Zwergel, E. H.....	Cassopolis

CHIPPEWA-MACKINAC COUNTIES

Allott, H. R.....	300 Court St., Sault Ste. Marie	Mackie, T. B.....	300 Court St., Sault Ste. Marie
Bandy, Festus C. (R).....	14880 Grandville Blvd., Detroit	McBryde, L. M.....	Masonic Bldg., Sault Ste. Marie
Blair, Herbert M.....	300 Court St., Sault Ste. Marie	Mertaugh, W. F.....	Central Savings Bank Bldg., Sault Ste. Marie
Clausen, C. H.....	300 Court St., Sault Ste. Marie	Montgomery, B. T.....	301 E. Spruce St., Sault Ste. Marie
Conrad, G. A. (E).....	521 Ashmun, Sault Ste. Marie	Rhind, E. S.....	300 Court St., Sault Ste. Marie
DuVall, Dorothy V.....	520 Division St., Sault Ste. Marie	Scott, D. F.....	300 Court Street, Sault Ste. Marie
Finlayson, D. D.....	301 E. Spruce St., Sault Ste. Marie	Taylor, R. M.....	300-306 Court St., Sault Ste. Marie
Goddard, G. B.....	309 Ashmun St., Sault Ste. Marie	Trapasso, T. J.....	300 Court St., Sault Ste. Marie
Goldberg, A. H.....	301 Ashmun St., Sault Ste. Marie	Venier, A. G.....	519 Ashmun St., Sault Ste. Marie
Hagele, Marie A.....	300 Court St., Sault Ste. Marie	Wallen, L. J.....	409 Ashmun St., Sault Ste. Marie
Hamel, Herbert E.....	St. Ignace	Willison, Clayton (E).....	Central Savings Bank Bldg., Sault Ste. Marie
Harrington, H. M.....	519 Ashmun, Sault Ste. Marie	Yale, I. V. (L).....	200 Ashmun St., Sault Ste. Marie
Howe, Donnell C., Jr.....	300 Court St., Sault Ste. Marie		
Howe, Gertrude E.....	300 Court St., Sault Ste. Marie		

CLINTON COUNTY

Bennett, George W.....	Elsie	Luton, F. E. (E).....	St. Johns
Cook, Bruno C.....	Westphalia	McWilliams, W. B.....	Maple Rapids
Elliott, Bruce R.....	Ovid	Russell, Sherwood R.....	St. Johns
Fillinger, Wells B.....	Ovid	Sheline, V. L.....	Ashley
Foo, Charles T.....	St. Johns	Slagh, Earl M.....	Elsie
Grost, James M.....	210 E. Walker St., St. Johns	Smith, F. W.....	St. Johns
Henthorn, A. C.....	RFD No. 3, St. Johns	Stephenson, W. F.....	510 E. Walker St., St. Johns
Kirker, J. G.....	Fowler	Stoller, Paul F.....	308 N. Mead St., St. Johns

DELTA-SCHOOLCRAFT COUNTIES

Anderson, F. C.....	212 S. Tenth Ave., Escanaba	Groos, H. Q.....	1015 S. First, Escanaba
Benson, G. W. (A).....	Ludington St., Escanaba	Groos, L. P.....	1015 S. First, Escanaba
Bernier, A. B.....	200 S. Cedar St., Manistique	Harrison, William C.....	403 S. Seventh St., Escanaba
Boyce, D. H.....	1007 Ludington, Escanaba	Hult, O. S.....	1005 Delta Ave., Gladstone
Carlton, A. J. (L).....	502 S. Seventh St., Escanaba	Jensen, Carroll.....	Manistique
Dehlin, J. R.....	1102 Wisconsin Ave., Gladstone	Kee, C. E.....	1102 Wisconsin Ave., Gladstone
Fyvie, James H.....	202 S. Cedar, Manistique	Le Mire, D. F.....	1104 S. First, Escanaba

Lemire, W. A.....1106 S. First, Escanaba
 Lindquist, N. L.....205 S. 10th St., Escanaba
 McNerney, T. A.....1221 Ludington, Escanaba
 Miller, A. H. (L).....904 Wisconsin, Gladstone

Olson, C. J.....621 Michigan Ave., Gladstone
 Ryde, R. E.....Lake Shore Drive, Escanaba
 Walch, J. J.....Lake Shore Drive, Escanaba
 Waters, Duane.....200 S. Cedar St., Manistique
 Wehner, Merle E.....Manistique

DICKINSON-IRON COUNTIES

Addison, E. R.....412 Superior, Crystal Falls
 Alexander, W. H.....Commercial National Bank Bldg.,
 Iron Mountain
 Anderson, Donald T.....400 Woodward Avenue,
 Iron Mountain
 Boyce, G. H.....First National Bank Bldg.,
 Iron Mountain
 Browning, J. L.....212 East B Street, Iron Mountain
 Carlson, R. E.....Commercial Bank Bldg., Iron Mountain
 Cooper, C. A.....230 Washington Ave., Stambaugh
 Frederickson, Geron (R).....826 East "A" St.,
 Iron Mountain

Gladstone, W.....804 Main Street, Norway
 Hayes, Willard N.....716 Main Street, Norway
 Huron, W. H.....107 East "A" Street, Iron Mountain
 Irvine, L. E.....326 W. Genesee, Iron River
 Kofmehl, Wm. J.....Stambaugh
 McEachran, H. D.....Commercial Bank Bldg.,
 Iron Mountain
 Palm, E. T.....412 Superior Street, Crystal Falls
 Retallack, R. C.....326 W. Genesee, Iron River
 Schmutzler, W. A.....373 Woodward, Iron Mountain
 Schroeder, J. M.....1115 Stockbridge, Iron Mountain
 Smith, Donald R.....105 East A Street, Iron Mountain
 Steinke, C. G.....517 Stephenson, Iron Mountain

EATON COUNTY

Arner, Fred L.....231½ N. Main Street, Bellevue
 Brown, B. P.....116 Pearl Street, Charlotte
 Carothers, Daniel J.....315 S. Cochran, Charlotte
 Cook, J. M.....Eaton Co. Health Dept., Charlotte
 DeLand, C. L.....121 S. Main Street, Olivet
 Engle, P. H.....121 S. Main Street, Olivet
 Garlock, F. C.....Grand Ledge
 Hannah, Harry W.....326 S. Cochran Street, Charlotte
 Harrod, Gordon R.....Grand Ledge
 Hoffer, W. E.....115 S. Washington St., Charlotte
 Imthun, E. F.....113 E. Jefferson, Grand Ledge

Johnson, Robert C. (M).....Charlotte
 Knecht, E. E. (M).....Charlotte
 Landick, R. E.....111 S. Cochran, Charlotte
 Meinke, A. H., Jr.....101 W. Plain Street, Eaton Rapids
 Meinke, R. K. (A).....Morley
 Myers, Albert W.....Potterville
 Sevens, Lester G.....236 S. Cochran St., Charlotte
 Shockley, B. F. (M).....111 S. Cochran St., Charlotte
 Van Ark, Bert.....101 West Plain, Eaton Rapids
 Van Ark, H. F.....101 W. Plain St., Eaton Rapids
 Whitlock, Stanley C.....Dimondale
 Willits, C. O.....201 W. Seminary, Charlotte

GENESEE COUNTY

Adams, Burnell H.....2002 E. Court St., Flint
 Adams, Chester H.....1114 Beach St., Flint
 Allen, Robert B.....Hurley Hospital, Flint
 Anderson, H. H.....11280 N. Saginaw, Mt. Morris
 Anderson, J. L.....220 Genesee Bank Bldg., Flint
 Anderson, Robert E.....Hurley Hospital, Flint
 Andrews, Nelson A. C.....310 E. Main St., Flushing
 Anthony, George E. R.....1015 Detroit St., Flint
 Backus, Glenn R.....633 Mott Foundation Bldg., Flint
 Baird, W. C.....504 National Bldg., Flint
 Bald, Frederick W.....610 Mott Foundation Bldg., Flint
 Barbour, Fleming A.....1439 Mott Foundation Bldg., Flint
 Bardwell, Stanley.....McLaren General Hospital, Flint
 Bareis, Reuben J.....Hurley Hospital, Flint
 Baske, Franklin W.....923 Maxine Street, Flint
 Batdorf, John.....Goodrich Gen. Hosp., Goodrich
 Bateman, L. G.....1928 Lewis, Flint
 Benson, J. C., Sr. (L).....727 Clifford St., Flint
 Benson, John C. Jr.....709 Genesee Bank Bldg., Flint
 Berman, Harry G.....3309 Fenton Rd., Flint 7
 Bernstein, Eli N.....409 Kresge Bldg., Flint
 Beyer, George D.....145 Vienna Street, Clio
 Bishop, D. L.....2226 Detroit St., Flint 5
 Blakeley, A. C.....310 E. Jefferson, Detroit
 Blethen, Harry S., Jr.....St. Joseph Hospital, Flint
 Bogart, Leon M.....1008 Genesee Bank Bldg., Flint
 Boles, William P.....714 Beach St., Flint
 Bradley, Robert M.....420 Genesee Bank Bldg., Flint
 Bradley, Wm. J., III.....St. Joseph Hospital, Flint
 Brain, R. Gordon.....509 First Nat. Bank Bldg., Flint
 Branch, Hira E.....821 Mott Fd. Bldg., Flint
 Brasie, Donald R.....907 Citizens Bank Bldg., Flint
 Briggs, Guy D.....225 Genesee Bank Bldg., Flint
 Bruce, William W.....5045 Morrish Road, Swartz Creek
 Bryant, D. R.....621 Mott Foundation Bldg., Flint
 Buchanan, Wm. F.....104 W. Caroline St., Fenton
 Burkett, L. V.....411 County Court House, Flint
 Burnell, Max R.....3301 Westwood Parkway, Flint
 Bush, Raymond C.....Hurley Hospital, Flint

Cammack, Kirk V.....Hurley Hospital, Flint
 Canlas, A. G.....St. Joseph Hospital, Flint
 Canlas, A. L.....St. Joseph Hospital, Flint
 Caster, E. Wilbur (L).....24711 Ridgedale, Oak Park 37
 Chambers, Myrton S.....839 Mott Fdtn. Bldg., Flint
 Chapin, Maurice H.....Hurley Hospital, Flint
 Charters, John H. (E).....Fenton
 Chase, W. D.....702 Ballenger Hwy., Flint
 Clark, Clifford P. (R).....515 Villa Bella Ave.,
 Coral Gables, Fla.
 Clark, R. L.....1004 Genesee Bank Bldg., Flint
 Collins, James I.....902 Stockdale, Flint
 Colwell, C. W.....706 Citizens Bk Bldg., Flint
 Connell, John T.....305 Dryden Bldg., Flint
 Conover, George V.....420 Genesee Bank Bldg., Flint
 Conover, McClellan B.....312 Paterson Bldg., Flint
 Conover, T. Sidney.....420 Genesee Bank Bldg., Flint
 Cook, Henry.....326 Genesee Bank Bldg., Flint
 Cook, Roger H.....St. Joseph Hospital, Flint
 Cookingham, Cory E.....Hurley Hospital, Flint
 Corbett, John J.....McLaren General Hospital, Flint
 Coriasso, Louis B.....Hurley Hospital, Flint
 Covert, Floyd L. (L).....116 Lord Street, Gaines
 Coyne, Kenneth M.....Hurley Hospital, Flint
 Coyouette, Paul.....McLaren General Hospital, Flint
 Craig, William G. (M).....G 3176 W. Court St., Flint
 Credille, Barney A.....813 Genesee Bank Bldg., Flint
 Culver, John R.....St. Joseph Hospital, Flint
 Curry, George J.....402 Genesee Bank Bldg., Flint
 Curtin, John H.....A.C. Spark Plug Plant, Flint
 Cutler, G. Campbell (M).....609 Sonny Way,
 La Jolla, Calif.
 Davis, R. C.....3029 Flushing Rd., Flint
 Dawson, Ralph E.....1021 Mott Foundation Bldg., Flint
 DeZingro, Nicholas.....Davison
 Denholm, Nan H.....811 Mott Foundation Bldg., Flint
 Dickstein, Bernard.....605 National Bldg., Flint
 Dimond, E. G.....209 Genesee Bk. Bldg., Flint
 Dock, Norton.....Hurley Hospital, Flint

Dodds, Frederick E.....1336 Lewis St., Flint
 Dodds, Max.....608 First National Bldg., Flint
 Dooley, James J.....St. Joseph Hospital, Flint
 Dorsey, Philip W.....220 Genesee Bank Bldg., Flint
 Drewyer, Glenn E.....907 Welch Blvd., Flint
 Dupuis, Jean Paul.....McLaren General Hospital, Flint
 Dwyer, William.....McLaren General Hospital, Flint
 Eichhorn, Ernest M.....1112 Mott Fdtn. Bldg., Flint
 Eickhorst, Thomas N.....409 Dryden Building, Flint
 Elliott, Hardie B.....1634 Mott Fdtn. Bldg., Flint
 Engelman, R. M.....717 Mott Fdtn. Bldg., Flint
 Erhardt, John.....St. Joseph Hospital, Flint
 Ettinger, Ralph D.....111 S. Walnut St., Fenton
 Farah, Ben S.....5001 N. Saginaw St., Flint
 Farhat, Maynard M.....620½ W. Court St., Flint
 Fee, Manson G.....311 Kresge Bldg., Flint
 Ferris, J. W.....426 N. State Street, Davison
 Findorff, William G.....Hurley Hospital, Flint
 Finkelstein, Theodore.....1415 Broadway, Flint
 Firlotte, Robert W.....Hurley Hospital, Flint
 Flowers, Neal S.....Hurley Hospital, Flint
 Flynn, Southard T.....1121 Mott Fdtn. Bldg., Flint
 Foley, Sydney I.....2217 Mason St., Flint
 Fuller, Harvey T.....820 Genesee, Mt. Morris
 Gebhart, Ralph.....Hurley Hospital, Flint
 Gelenger, S. M.....Genesee County TB Sanatorium
 702 Ballenger Hwy., Flint
 Gleason, N. A.....1310 Mott Fdtn. Bldg., Flint
 Goering, George R. (L).....519 Dryden Bldg., Flint
 Goetz, Rudolf.....Hurley Hospital, Flint
 Golden, H. Maxwell.....218 E. Court St., Flint
 Goodfellow, B. T. (L).....506 Page Street, Flint
 Gorne, Saul S.....619 Clifford St., Flint 3
 Grady, Donald R.....1515 Woodslea Drive, Flint
 Griffin, Ernest P., Jr.....621 Mott Fdtn. Bldg., Flint
 Grover, H. F.....310 Dryden Bldg., Flint
 Guile, Gurdon S.....1621 Dupont St., Flint
 Gundry, G. L.....11736 Saginaw, Grand Blanc
 Gutov, Isadore H.....607 Citizens Bank Bldg., Flint
 Gutov, J. J.....607 Citizens Bank Bldg., Flint
 Guyon, J. L.....302 W. Pierson Rd., Flint
 Guyon, Mary Ann.....302 W. Pierson Road, Flint
 Hackley, Richard D. (M).....4453rd USAF Hosp.,
 Shaw AFB, S. C.
 Hague, Robert F.....210 E. Court St., Flint 3
 Halligan, Raymond S. (L).....405 East First St., Flint
 Hallitt, John W.....Hurley Hospital, Flint
 Hamady, Ruth B.....228 Welch Blvd., Flint
 Hamilton, A. J.....Fisher Body Co. No. 2
 3100 Van Syke Road, Flint
 Hamilton, James G.....Hurley Hospital, Flint
 Hardy, Allen T.....McLaren General Hospital, Flint
 Harper, Homer.....Buick Motor Co., Flint
 Harris, Donald R.....Hurley Hospital, Flint
 Hauser, Frederick V.....1012 Mott Fdt. Bldg., Flint
 Hawkins, James E.....1226 Leith St., Flint
 Heinemann, Herman J.....St. Joseph Hospital, Flint
 Heiny, Robert J.....Hurley Hospital, Flint
 Hennessey, Charles (M).....33 Sta. Hosp., APO 69,
 New York, N. Y.
 Hennessy, John P.....McLaren General Hospital, Flint
 Hicks, William K.....St. Joseph Hospital, Flint
 Hing, Wm. N. G.....326 Stockdale, Flint
 Hiscock, Harold H.....1315 Mott Fdtn. Bldg., Flint
 Hooper, Kendall.....714 Beach St., Flint
 Houk, Joseph T.....Hurley Hospital, Flint
 Hubbard, Wm. B.....302 Patterson Bldg., Flint
 Hufton, W. L.....721 W. Sixth Avenue, Flint
 Hunter, Thomas V.....Hurley Hospital, Flint
 Hurd, Clayton E.....300 Robert St., Fenton
 Irish, Laurence R.....Hurley Hospital, Flint
 Jaarsma, R. A.....1604 Mott Fdtn. Bldg., Flint
 Johnson, Arthur H.....3219 North Street, Flint
 Johnson, Frank D.....312 Paterson Bldg., Flint
 Johnson, Raymond E.....907 Welch Blvd., Flint 4
 Jones, David G.....Hurley Hospital, Flint
 Jones, Lafon.....1004 Genesee Bank Bldg., Flint
 Jordan, P. H.....302 W. Second Avenue, Flint
 Judd, A. E.....2315 Davison Road, Flint
 Kaufman, L. D.....4002 N. Saginaw, Flint
 Kimbrough, C. B.....1402 S. Saginaw St., Flint
 Kline, O. Foster, Jr.....Hurley Hospital, Flint
 Knapp, William D.....1621 Mott Fdtn. Bldg., Flint
 Koepke, Benjamin F.....Hurley Hospital, Flint
 Koop, Chester S.....2503 Detroit St., Flint
 Kretchmar, Arthur H.....608 First Nat'l Bldg., Flint
 Kurtz, John J.....421 Dryden Bldg., Flint
 Kwak, John.....St. Joseph Hospital, Flint
 Laird, James I.....10114 Main Street, Goodrich
 Leach, J. Leonidas.....3007 Industrial Avenue, Flint
 Lewis, T. E. (M).....4047 Mitchell Dr., Flint
 Limbach, David R.....Hurley Hospital, X-Ray Dept.,
 Flint
 Livesay, Jackson E.....621 Mott Fdtn. Bldg., Flint
 Logan, George W. (L).....Flushing
 Lukens, T. John.....1103 Mott Fdtn. Bldg., Flint
 Lundeen, Richard M.....McLaren General Hospital, Flint
 Lytle, Sidney N.....615 Mott Fdtn. Bldg., Flint
 MacGregor, Delbert M.....701 Dayton, W., Flint
 Macksood, Joseph A.....2501 N. Saginaw St., Flint
 Macksood, William E.....Hurley Hospital, Flint
 Macon, Edward M.....McLaren General Hospital, Flint
 Maixner, Reynold R.....McLaren General Hospital, Flint
 Manwaring, John T.....1303 Mott Fdtn. Bldg., Flint
 Markunas, Paul J.....Hurley Hospital, Flint
 Marierrison, Gordon L.....McLaren Gen. Hosp., Flint
 McCabe, Margaret M.....420 Genesee Bank Bldg., Flint
 McClellen, Junius W.....Chevrolet Flint Assembly Div.,
 Van Slyke at Atherton Rd., Flint 3
 McCubbrey, David, Ist Lt. MC (M).....194 Med. Det.,
 APO 227, New York, New York
 McGarry, Burton G. (L).....202 E. Caroline St., Fenton
 McGarry, Roy A.....418 Dryden Bldg., Flint
 McKenna, Oscar W. (E).....325 Stevens Street, Flint
 McLeod, K. W. A.....2801 N. Saginaw, Flint 5
 McTaggart, David, Capt. MC (M).....388 TAC Hospital,
 APO 87, New York, New York
 Mendrek, Henry H.....McLaren General Hospital, Flint
 Michael, Stanley L.....Hurley Hospital, Flint
 Michael, S. R.....907 Welch Blvd., Flint
 Michels, Robert M.....409 N. Saginaw St., Flint
 Michelson, R. B.....5001 N. Saginaw St., Flint
 Miller, Loren Eugene.....2645 Corunna Road, Flint 3
 Miltich, Anthony J.....415 Dryden Bldg., Flint
 Moody, Fred J.....St. Joseph Hospital, Flint
 Moore, Kenneth B.....1613 Mott Fdtn. Bldg., Flint
 Moore, Wesley P.....3101½ Industrial Ave., Flint
 Morrish, Ray S.....1715 Crescent Drive, Flint
 Morrison, William H.....205 Perry Road, Grand Blanc
 Morrissey, V. H.....101 Stockdale St., Flint
 Morton, Joseph.....X-Ray Dept., Hurley Hosp., Flint
 Mosier, Edward C.....115 Lake St., Otisville
 Murphy, E. Grant.....7316 Calkins Road, Flint
 Myers, Robert D.....McLaren General Hospital, Flint
 Neiswander, Paul L.....Fisher Body Truck Plant
 Grand Blanc
 Nicholls, W. W.....Mott Clinic, Hurley Hosp., Flint
 Nishioka, George.....Hurley Hospital, Flint
 Odle, Ira D.....201 Welch Blvd., Flint
 Olson, Walter R.....McLaren General Hospital, Flint
 Orr, J. Walter (L).....Orrs Point, Lake Fenton, Fenton
 Osher, Seymour L.....218 E. Court Street, Flint
 Parliament, Bert.....Hurley Hospital, Flint
 Parsons, James L.....Hurley Hospital, Flint
 Petropoulos, Gust C.....McLaren General Hospital, Flint
 Pfeifer, Archibald C.....11610 N. Saginaw St., Mt. Morris
 Phelps, Lynn.....Goodrich Gen. Hospital, Goodrich
 Phillips, Robert L.....Nokomis, Fla.
 Phillips, R. W.....829 Stockdale, Flint
 Pickering, W. H.....1602 Ballenger Hwy., Flint
 Pike, Wallace W.....Hurley Hospital, Flint
 Pine, Donald K.....Hurley Hospital, Flint
 Portney, Jack.....2415 Detroit St., Flint
 Pougnet, W. D.....McLaren General Hospital, Flint
 Pratz, Oliver C.....1303 Detroit St., Flint
 Preston, Otto J.....300 N. Chevrolet Avenue, Flint

Purcell, F. L., Jr. Ternstedt Plant, Coldwater Rd., Flint
 Quarry, J. Gregory St. Joseph Hospital, Flint
 Ragan, Russell M. 3602 Beecher, Flint 3
 Ragusa, Robert P. Hurley Hospital, Flint
 Rahn, J. Paul. Hurley Hospital, Flint
 Rapport, Richard L. 715 Mott Foundation Bldg., Flint
 Rawling, J. C. 1121 Mott Fdtn. Bldg., Flint
 Rawlings, J. Mott. 1601 Neome Drive, Flint
 Ready, Norris H. Hurley Hospital, Flint
 Reed, William L. St. Joseph Hospital, Flint
 Reichard, Orill (L) 1507 Detroit St., Flint
 Reid, John H. Hurley Hospital, Flint
 Reid, Wells C. Goodrich General Hospital, Goodrich
 Reynolds, Arthur J. (L) 910 E. Kearsley St., Flint
 Richardson, Josephine W. 2610 Davison Road, Flint
 Rieth, George F. 1402 Davison Road, Flint
 Ringrose, Douglas. McLaren General Hospital, Flint
 Roberts, Floyd A. (L) 428 Thompson Street, Flint
 Rowe, John B. 202 Paterson Building, Flint
 Rulney, Max. 1128½ Chevrolet Ave., Flint
 Rundles, Walter Z. 304 First Nat. Bldg., Flint
 Rundles, Walter Z., Jr. 304 First Nat. Bldg., Flint
 Sallis, Douglas A. St. Joseph Hospital, Flint
 Sandberg, Russell G. 1315 Mott Foundation Bldg., Flint
 Sandy, Kenneth R. 2701 Detroit St., Flint
 Sanocki, Fred F. St. Joseph Hospital, Flint
 Scavarda, Charles J. 304 First Nat. Bldg., Flint
 Schiff, B. A. 323 W. Second Street, Flint
 Schreiber, E. Oskar. 421 Kresge Building, Flint
 Schroeder, Paul E. Hurley Hospital, Flint
 Schultz, J. Stanley. 3327 Fleming Road, Flint
 Schumacker, Donald R. St. Joseph Hospital, Flint
 Schwartz, J. M. 4300 S. Saginaw St., Fisher Body
 Plant No. 1, Flint
 Scott, Robert D. 1215 Detroit Street, Flint
 Searles, Karl F. 2932 Corunna Road, Flint
 Seymour, G. D. Prof. Bldg., Clio
 Shantz, Leighton O. 1239 Mott Fdtn. Bldg., Flint
 Sheeran, Daniel H. 809 Genesee Bank Bldg., Flint
 Sherman, Arthur G. Hurley Hospital, Flint
 Shipman, Charles W. 325 E. First St., Flint
 Shore, Roy H. McLaren General Hospital, Flint
 Simoni, Lewis E. 3210 S. Dort Highway, Flint
 Sirna, Anthony R. Chevrolet Motor Co., 300 N.
 Chevrolet Ave., Flint
 Smith, Eugene C. 814 Mott Fdtn. Bldg., Flint
 Smith, H. O. 821 Mott Foundation Bldg., Flint
 Smith, Maurice J. 2801 N. Saginaw, Flint
 Sniderman, Benjamin F. 727 Beach Street, Flint
 Snyder, Charles E. 8042 Miller Road, Swartz Creek
 Sorkin, Morris L. 718 Beach St., Flint
 Sorkin, Samuel S. 718 Beach St., Flint
 Sparks, Harvey V. 603 First National Bldg., Flint

Steffe, Ralph S. 610 Mott Fdtn. Bldg., Flint
 Steinman, Floyd H. 734 Mott Fdtn. Bldg., Flint
 Stevens, P. K. 201 Michigan Theatre Bldg., Flint
 Stevenson, Basil M., Jr. Hurley Hospital, Flint
 Stevenson, William W. 416 Kresge Bldg., Flint
 Streat, Rudolph W. 218 East 8th St., Flint
 Strong, K. H. (M) 110 Young Dr., Lakeview Subdiv.,
 Fairfield, Ill.
 Stroup, Clayton K. 2002 E. Court Street, Flint
 Sullivan, McDermott. Hurley Hospital, Flint
 Sutherland, James K. 402 E. Third St., Flint
 Teague, Robert C. McLaren General Hospital, Flint
 Theverle, W. I. 3101½ N. Saginaw, Flint
 Thompson, Charles A. Hurley Hospital, Flint
 Thompson, Jack W. 507 Citizens Bank Bldg., Flint
 Thorburn, Grant. 702 Ballenger Hwy., Flint
 Thornbury, John R. Hurley Hospital, Flint
 Tofteland, Elmer H. 302 W. Third Ave., Flint
 Tower, Rita B. Genesee Co. San., 702 Ballenger Hwy.,
 Flint
 Treat, David L. (L) 1110 S. Drive, Flint
 Turner, Merald G. 316 Dryden Building, Flint
 Tuuri, Arthur L. (M) Mott Clinic, Hurley Hosp., Flint
 Van Harn, R. S. 5009 N. Saginaw St., Flint
 Varney, Howard L. 1415 Broadway, Flint
 Vary, Edwin P. 608 First National Bldg., Flint
 Vaughan, Edgar J. Linden
 Vaughan, William R. Hurley Hospital, Flint
 Walcott, Carver G. 201 E. Caroline, Fenton
 Ward, Nellie M. 1139 Mott Fdtn. Bldg., Flint
 Ware, Frank A. 514 Genesee Bank Bldg., Flint 3
 Wark, David R. 1315 Detroit, Flint
 Wells, Richard D. Hurley Hospital, Flint
 Wentworth, John E. 1651 Chevrolet Ave., Flint
 Weresh, John Jr. Hurley Hospital, Flint
 Werness, Inga W. 304 First Nat'l Bank Bldg., Flint
 White, C. H. 106 River Street, Fenton
 White, Frank T. Hurley Hospital, Flint
 White, Herbert T. (L) 1620 Mason Street, Flint
 Williams, Calvin. Hurley Hospital, Flint
 Williams, W. S. G-3398 S. Saginaw St., Flint
 Willoughby, Gordon L. 5009 N. Saginaw St., Flint
 Willoughby, Leslie L. (L) 1402 Davison Rd., Flint
 Wills, Thomas N. 706 W. Court St., Flint
 Winchester, Walter H. (L) 515 Genesee Bank Bldg.,
 Flint
 Wingert, John G. Hurley Hospital, Flint
 Woughter, Harold W. 1312 Mott Fdtn. Bldg., Flint
 Wright, Donald R. 403 W. Court St., Flint
 Wyatt, W. W. 1317 Riverdale Rd., Flint
 Wysocki, Donald J. Hurley Hospital, Flint
 Zeis, M. G. (M) 718 Beach Street, Flint

GOGEBIC COUNTY

Albert, Samuel G. 119 Suffolk St., Ironwood
 Anderson, Charles E. Anvil Location, Bessemer
 Ashe, H. S. 210 S. Suffolk St., Ironwood
 Davidson, Donald L. 200 So. Sophie St., Bessemer
 Eisele, D. C. 2nd Fl., 109 E. Aurora St., Ironwood
 Franck, John R., Jr. 401 Sunday Lake, Wakefield
 Gertz, M. A. 109 E. Aurora Street, Ironwood
 Gingrich, W. A. 2nd Fl., 109 E. Aurora St., Ironwood
 Gorilla, A. C. 2nd Fl., 210 S. Suffolk St., Ironwood
 Harrington, R. R., Jr. 103 S. Suffolk St., 2nd Floor
 Ironwood
 Keskey, T. J. 207 E. Aurora St., Ironwood

Lieberthal, M. J. 104 S. Suffolk, Ironwood
 Lieberthal, Paul R. 104 S. Suffolk, Ironwood
 McEnroe, J. E. Newport Hospital, Ironwood
 O'Brien, A. J. (L) Gogebic Clinic, 216 E. Aurora St.,
 Ironwood
 Pinkerton, H. A. Newport Hospital, Ironwood
 Santini, F. J. 109 E. Aurora St., Ironwood
 Stevens, Charles E. Gogebic Clinic, 216 E. Aurora St.,
 Ironwood
 Tashiro, Kiyo. Grand View Hospital, Ironwood
 Tressel, Henry A. Wakefield
 Wacek, W. H. Grand View Hospital, Ironwood

GRAND TRAVERSE-LEELANAU-BENZIE COUNTIES

Beall, J. G. 118½ E. Front, Traverse City
 Benjamin, M. B. Traverse City State Hosp.,
 Traverse City
 Bolan, Ellis J. Suttons Bay

Brownson, K. M. 116 Cass St., Traverse City
 Brunk, C. F. Route No. 1, Traverse City
 Bushong, B. B. 116 Cass St., Traverse City
 Campbell, T. D. Kingsley

Pike, D. G.....	876 E. Front,	Traverse City
Power, Frank H.....	116 Cass St.,	Traverse City
Salon, Dayton D.....	108½ E. Front Street	Traverse City
Sheets, R. P.....	Traverse City State Hospital	Traverse City
Sheffer, M. B.....	Traverse City State Hosp.,	Traverse City
Sladek, E. F.....	123 E. Front St.,	Traverse City
Smith, Cody (M)	(No Address)	Traverse City
Stokes, G. E.....	State Bank Bldg.,	Traverse City
Stone, Fordyce H.....		Beulah
Swartz, F. G.....	301 State Bank Bldg.,	Traverse City
Sweeney, Bernard.....	227½ Grandview Pkwy.,	Traverse City
Thacker, Fred R.....		Frankfort
Thirlby, E. L. (L).....	116 Cass,	Traverse City
Thirlby, Richard L.....	711 Second Street,	Traverse City
Trautman, Frederick D.....		Frankfort
Van Leuven, B. H. (R).....		Empire
Way, L. R. (R).....	436 E. State,	Traverse City
Weitz, H. L.....	529 Monroe,	Traverse City
Wieh, J. E.....	118½ E. Front,	Traverse City
Wilcox, P. H.....	526 W. 10th Street,	Traverse City
Wiley, P. K.....		Elk Rapids
Zielke, I. H.....	212 E. Front,	Traverse City
Zimmerman, J. G.....	306 State Bank Bldg.,	Traverse City

Hobbs, A. D.....	120 W. Center Street, St. Louis
Hoogerland, C. L.....	236 N. State Street, Alma
Hyslop, L. F.....	612 S. Kinney St., Mt. Pleasant
Johnson, P. R.....	206 S. College Ave., Mt. Pleasant
Juhnke, L. W.....	1050 E. Maple St., Mt. Pleasant
Kilbourn, H. F.....	Ithaca
McArthur, Stewart C.....	Clare
Oldham, E. S.....	Breckenridge
Palmer, F. W.....	P. O. Box 32, Mt. Pleasant
Putzig, L. W.....	Blanchard
Ringer, P. H.....	314 S. Brown St., Mt. Pleasant
Rottschafer, J. L.....	715 Center St., Alma
Silvert, Pasche P.....	Vestaburg
Strange, R. H.....	630 S. College, Mt. Pleasant
Waggoner, R. L.....	120 W. Center St., St. Louis
Wallman, C. H.....	901 State Street, Alma
Wickert, L. R.....	203 N. Fancher, Mt. Pleasant
Wilcox, R. A.....	203 W. End Street, Alma
Wilson, Earl C.....	Harrison
Wolfe, K. P.....	427 W. Superior, Alma
Wood, C. B.....	R. F. D. No. 2, Mt. Pleasant
Wood, I. M.....	815 E. Maple, Mt. Pleasant

Mattson, H. F.....32 S. Broad St., Hillsdale
McFarland, O. G. (L).....North Adams
Michel, William O.....407 Kirk St., Ann Arbor
Miller, Harry C. (L).....4760 Panorama Drive,
San Diego 3, Calif.
Peterson, C. A. (M).....32 Broad Street, Hillsdale
Sawyer, W. W.....61 N. Howell St., Hillsdale
Stein, Arthur J.....144 Budlong Street, Hillsdale
Strom, Arthur W.....32 S. Broad Street, Hillsdale
Trapp, Donald G.....32 S. Broad St., Hillsdale
Wiggins, Ira W.....230 E. Chicago St., Jonesville

Burke, John J.....10 Duncan Avenue, Hubbell
Gregg, W. T. S. (E).....Eagle Harbor
Hillmer, Raymond E.....1 Algomah, Painesdale
Hosking, F. S.....328 Florida Street, Laurium
Janis, Anton J.....East Hancock, Hancock
King, Sidney.....St. Joseph Hospital, Hancock

King, William T. (E).....Ahmeek
 Kirton, Job R. W. (E).....106 Sixth Street, Calumet
 Kolb, F. E.....128 Calumet, Calumet
 LaBine, Alfred.....1019 College Ave, Houghton
 Larson, Forrest W.....1400 E. Houghton, Houghton
 Lepisto, V. E.....414 Hecla Street, Laurium
 Levin, Simon (E).....1209 College Avenue, Houghton
 Lund, C. A. E.....1205 Calumet St., Lake Linden
 Murphy, P. J.....130 Calumet, Calumet
 Potter, E. C.....Baraga County Hospital, L'Anse

Repola, Kenneth L.....338 Iroquois St., Laurium
 Roberts, Melvin D. (L).....404 Hancock, Hancock
 Roche, Andrew M.....240 Pewabic St., Laurium
 Schochet, S. S.....P. O. Box 537, Hancock
 Sloan, P. S.....214 Clark St., Houghton
 Smith, Charles R.....E. White St., Hancock
 Stroube, J. A.....Baraga County Memorial Hosp., L'Anse
 Wickliffe, C. D.....Sixth Street, Calumet
 Wickliffe, J. T. P.....1167 Calumet Avenue, Calumet
 Winkler, Henry J.....L'Anse

HURON COUNTY

Bash, T. L.....Kinde
 Dixon, Ralph C.....Pigeon
 Elliott, C. S.....Pigeon
 Gettel, Roy R.....Bad Axe
 Herrington, Charles I.....Bad Axe
 Herrington, Willet J.....Bad Axe
 Monroe, Duncan J. (L).....Elkton
 Oakes, C. W., Jr.....Harbor Beach

Ritsema, John.....Sebewaing
 Scheurer, Clare A.....Pigeon
 Sorenson, M. G.....P. O. Box, Elkton
 Steinhardt, Edward E.....Elkton
 Thompson, J. E.....Caseville
 Turner, Phillip R.....Harbor Beach
 Wible, Charles F.....Sebewaing

INGHAM COUNTY

Agate, George.....Michigan Dept. of Health, Lansing
 Alexander, Reuben G.....301 Seymour, Lansing
 Altland, J. K.....Michigan Dept. of Health, Lansing
 Andros, G. J. (A).....420 W. Ottawa Street, Lansing
 Asselin, David C.....503 Amer. State Bank Bldg., Lansing
 Badgley, W. O.....624 N. Capitol Avenue, Lansing
 Baker, T. C.....624 N. Capitol Ave., Lansing
 Banach, Stephan (A).....Edward W. Sparrow Hosp., Lansing
 Bates, R. C. (M).....1820 E. Michigan, Lansing
 Bauer, Theodore I.....808 Michigan Nat'l Tower, Lansing
 Behen, William C.....535 S. Capitol, Lansing
 Bellinger, E. G. (L).....114 W. Lenawee, Lansing
 Berens, B. M.....110 N. Rosemary, Lansing
 Berge, R. E. (A).....Edward W. Sparrow Hosp., Lansing
 Bevez, Frank L.....Med. Co. 87th Reg. APO 162, c/o P.M., New York
 Bingham, B. W.....1820 E. Michigan Ave., Lansing
 Black, Charles E.....529 W. Grand River, Williamston
 Black, Gertrude C. K.....529 W. Grand River, Williamston
 Borden, Eleanor A. (A).....Edward W. Sparrow Hosp., Lansing
 Bowersox, R. J.....108 Division, East Lansing
 Bradford, C. W.....419 S. Walnut, Lansing
 Breakey, Robert S.....1211 Bank of Lansing Bldg., Lansing
 Breiteneker, Ruediger (A).....Edward W. Sparrow Hosp., Lansing
 Brown, Fred W., Jr.....536 Tussing Bldg., Lansing
 Brubaker, Earl W.....1406 Bank of Lansing Bldg., Lansing
 Brucker, Karl B. (R).....610 S. Walnut St., Lansing
 Bruni, J. R.....1023 E. Michigan Ave., Lansing
 Bryant, R. F. (A).....St. Lawrence Hosp., Lansing
 Burhans, J. B. (A).....Dept. of Ophth. Univ. Med. Center, 1100 W. Michigan, Indianapolis, Ind.
 Burhans, R. A.....808 Michigan Nat'l Tower, Lansing
 Cairns, D. A.....136 W. Ash Street, Mason
 Calomeni, Anthony D.....309 Seymour, Lansing
 Carlson, R. G.....1136 Hapeman Street, Lansing
 Carr, Earl I.....300 W. Ottawa, Lansing
 Chaskes, Marion Iddings.....226 S. Capitol Avenue, Lansing
 Cheney, W. D.....Dept. of Radiology, E. W. Sparrow Hosp., Lansing
 Christian, L. G.....108 E. St. Joseph, Lansing
 Clark, W. E.....136 W. Ash St., Mason
 Clinton, George R.....136 W. Ash Street, Mason
 Combs, R. G.....300 W. Ottawa, Lansing
 Comstock, H. C.....1031 E. Michigan Ave., Lansing
 Cook, R. J.....105 S. Jenison Ave., Lansing
 Cope, H. E.....Michigan Dept. of Health, Lansing
 Cordes, J. F.....512 Michigan Nat'l Tower, Lansing

Corneliuson, Goldie.....Michigan Dept. of Health, Lansing
 Cowan, J. A.....825 Touraine, East Lansing
 Cummings, G. D.....Mich. Dept. of Health, Lansing
 Darling, L. H.....115 W. Hillsdale, Lansing
 Dart, Dorothy.....300 W. Ottawa St., Lansing
 Dawe, C. D.....521 N. Capitol Ave., Lansing
 Dean, Carleton.....252 Hollister Bldg., Lansing
 De Kleine, William.....301 Seymour St., Lansing
 DeVries, C. L. F.....320 Townsend, Lansing
 Dexter, Mary J.....129 E. Maple, Mason
 Doyle, C. P. (E).....1408 Bank of Lansing Bldg., Lansing
 Drolett, Alfred J.....900 Prudden Bldg., Lansing
 Drolett, Donald J.....609 N. Washington Ave., Lansing
 Drolett, Lawrence A.....903 Prudden Bldg., Lansing
 Dunn, F. M.....301 Seymour, Lansing
 Eggers, E. M. (A).....Edward W. Sparrow Hosp., Lansing
 Ellis, Bertha W. (R).....Box 2327, Hollywood, Fla.
 Ellis, C. W. (L).....Box 2327, Hollywood, Fla.
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 Harris, Herbert W.....609 N. Washington, Lansing
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 Bird, Wm. L.....Greenville
 Bracey, L. E. (L).....Sheridan
 Buck, Jack.....Ionia
 Bunce, E. P.....Trufant
 Bunce, Leo W.....Trufant
 Campbell, R. E.....106 N. Depot St., Ionia
 Dunkin, Lloyd S.....Greenville
 Fleming, J. W. C.....Pewamo
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 Fox, Harold M.....Portland
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 Hansen, M. M.....Greenville
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 Kopchick, Joseph.....Muir
 Lilly, Isaac S.....Stanton
 Lincoln, Norman.....Lake Odessa
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 Trinca, Peter J. (A).....VA Hospital, Fayetteville, Ark.
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 Ahronheim, J. H.....1410 Greenwood, Jackson
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 Baker, George M.....Parma
 Bartholic, Frank W.....Rives Junction
 Beckwith, Sidney A.....Stockbridge
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 Bentley, J. P.....404 McNeal St., Jackson
 Brashares, Z. A.....Brooklyn
 Bullen, G. Rex.....418 Third, Jackson
 Clarke, Corwin S.....605 Dwight Bldg., Jackson
 Cochrane, Wayne A. (L).....409 McBride St., Jackson
 Cooley, Charles W.....Mercy Hosp., Jackson
 Cooley, Randall M.....141 East Robinson, Jackson
 Corley, Cecil.....204 Homecrest Road, Jackson
 Corley, E. H.....1211 W. Franklin St., Jackson
 Corley, Robert.....204 Homecrest Rd., Jackson
 Cox, Ferdinand (L).....434 Wildwood Ave., Jackson
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 DeMay, Cuthbert E.....403 E. Michigan, Jackson
 DeMay, John D.....403 E. Michigan, Jackson
 Deming, Richard C.....517 Wildwood, Jackson
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 Filip, H. K., Jr.....755 W. Michigan Ave., Jackson
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 Hicks, Glenn C. (L).....615 Dwight Bldg., Jackson

Holst, John B.....1023 Francis St., Jackson
 Holstein, Arthur P.....214 Ann Arbor St., Manchester
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 Huntley, W. B.812 Grainer St., New Orleans, La.
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 Ludwick, J. P. (M).....237 W. Washington, Jackson
 McGarvey, William E.....802 City Bank Bldg., Jackson
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 McLaughlin, M. J.....710 S. Brown St., Jackson
 McLaughlin, Herbert B.....439 Wildwood Ave., Jackson
 Meads, Jason B.....1406 City Bank Bldg., Jackson
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 Morelli, Lorenzo.....290 W. Michigan Ave., Jackson
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 Siemsen, W. J.....316 Bronson Medical Center, Kalamazoo
 Simpson, Bernard W.....610 S. Burdick St., Kalamazoo 8
 Sisk, Wilfred N.....Upjohn Co., 301 Henrietta St.,
 Kalamazoo
 Slatmyer, Karel R.....605 Hanselman Bldg., Kalamazoo
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 Sofen, Morris B.....603 Kalamazoo Nat. Bank Bldg.,
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 Stewart, William C., Jr.....244 Cedar St., East,
 Kalamazoo
 Stiller, A. E.....Southwestern Michigan TB San.,
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 Upjohn, E. G.....Upjohn Co., 301 Henrietta St.,
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 VanderVelde, Kenneth M.....320 Bronson Medical Center,
 Kalamazoo
 Verhage, Martin D.....228 W. Cedar, Kalamazoo
 Volderauer, John C.....458 W. South St., Kalamazoo
 Warnke, Robert D.....136 East Michigan Ave.,
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 Balyeat, Gordon W.....1810 Wealthy St., S.E.,
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 Barofsky, G. F.....808 Alger St., S.E., Grand Rapids
 Beaton, James H.....1516 Wealthy St., S.E.,
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 Beeman, Carl B.....833 Lake Drive, S.E., Grand Rapids
 Beets, W. Clarence.....124 East Fulton St., Grand Rapids
 Bell, Charles M.....12-18 Monroe Ave., N.E.,
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 Bennett, W. D.....1514 Wealthy St., S.E., Grand Rapids
 Benson, Roland R.....250 Cherry St., S.E., Grand Rapids
 Bergsma, Stuart.....1942 Sherman St., S.E., Grand Rapids
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 Boyce, D. C.....507 Loraine Bldg., Grand Rapids
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 Burroughs, Frank M., Jr.....11 Wilson, Grandville
 Butler, Wm. J.....26 Sheldon Ave., S.E., Grand Rapids
 Byrd, Mary Lou.....700 Kent Hills, Dr., N.E.,
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 Miller, John J.....1580 Water, Marne
 Mitchell, W. B.....26 Sheldon Ave., S.E. Grand Rapids
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 Moen, Cornetta G.....53 Lafayette, S. E., Grand Rapids
 Moleski, Joseph V.....26 Sheldon Ave. S.E., Grand Rapids
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 Moleski, S. L.....26 Sheldon Ave., S.E., Grand Rapids
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 Moore, Douglas P.....110-116 E. Fulton Street,
 Grand Rapids
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 Mouw, Dirk R.....1854 Division, S., Grand Rapids
 Mulder, G. A.....26 Sheldon Ave. S.E., Grand Rapids
 Mulder, J. D.....6850 Division Ave., S., Grand Rapids
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 Grand Rapids
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 Grand Rapids
 Payne, C. Allen.....1840 Wealthy St., S.E., Grand Rapids
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 Pilling, Warren C.....833 Lake Drive, S.E., Grand Rapids
 Plekker, J. D.....6850 Division, S., Grand Rapids
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 Porter, H. P. Jr.....833 Lake Drive, S.E. Grand Rapids
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 Grand Rapids 6
 Riley, G. L.....1419 Coit, N.E., Grand Rapids
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 Roberts, Mortimer E. (E).....625 Plymouth Rd.,
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 Robinson, Harold C.....26 Sheldon Ave., S.E.,
 Grand Rapids
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 Rooks, W. H.....418 Leonard St., N.W., Grand Rapids
 Roosenberg, Wm.....3000 Monroe Ave., N.E.,
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 Ryan, John A.....26 Sheldon Ave., S.E., Grand Rapids
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 Grand Rapids 3
 Smith, Ferris.....1810 Wealthy St., S.E. Grand Rapids
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LENAAWEE COUNTY

Benz, Carl A.....308 N. Broad St., Adrian
Blanchard, L. E.....301½ W. Main St., Hudson
Blanden, Merwin R.....Ford Building, Tecumseh
Claxton, W. T.....136 Chicago Street, Britton
Cook, C. L.....Ford Building, Tecumseh
Dustin, Richard E.....103 W. Brown Street, Tecumseh
Eddy, H. R. C.....Adrian Professional Bldg., Adrian
Fitzsimmons, F. J.....128 E. Butler, Adrian
Hamilton, J. D. (M).....Adrian Professional Bldg., Adrian
Hammel, Richard T.....401 E. Chicago St., Tecumseh
Harrison, Robert E.....418 W. Adrian Street, Blissfield
Heffron, Charles H.....909 E. Butler, Adrian
Heffron, Howard H.....231 N. Main St., Adrian
Heffron, Harold.....231 N. Main Street, Adrian
Helzerman, Ralph F.....112 S. Ottawa Street, Tecumseh
Hewes, A. B. (L).....Mill Road, Adrian
Hewes, William H.....146 E. Maume St., Adrian
Hinshaw, Warren V.....139½ N. Main Street, Adrian
Huebner, R. J.....421 Steer Street, Addison
Hunter, T. B.....201 National Bank Bldg., Adrian
Isley, Homer E.....115 W. Adrian Street, Blissfield
Loveland, H. H. (E).....515 S. Second Ave., Escanaba
Marsh, R. G. B.....610 W. Logan Street, Tecumseh
Mast, W. H. (R).....106 N. Democrat St., Tecumseh
Miller, Perry L.....310 E. Maumee, Adrian
O'Connor, A. R.....122 Locust St., Clinton
Parker, D. A.....454 S. Main Street, Adrian
Pasternacki, A. S.....206 E. Front St., Adrian
Patmos, Bernard.....127½ E. Maumee Street, Adrian
Phelan, Alvin.....102 S. Pearl Street, Tecumseh
Platt, Charles A.....10150 Briggs Hwy., Addison
Raabe, E. C.....124 North Street, Morenci
Rawson, A. P.....(Non Resident) No Address
Rogers, John D.....146 Toledo Street, Adrian
Sayre, P. P.....121 N. Main Street, Onsted
Stark, Emily S.....513 E. Front St., Adrian

Whitehouse, Keith H.....118 W. Main Street, Morenci
Wilson, George C.....108 Jackson St., Clinton
Wynn, G. H.....310 N. Broad St., Adrian

Barton, T. A.....	112 E. Grand River Ave., Howell
Clarke, Niles A.....	723 Spencer Road, Brighton
Cookinham, F. T.....	Howell
Duffy, Ray M.....	250 E. Main, Pinckney
Gentles, Ernest.....	Howell
Glenn, Bernard H.....	Fowlerville
Hauer, R. Fred.....	Fowlerville
Hendren, J. J.....	Fowlerville
Hill, H. C.....	116 N. Michigan, Howell

McGregor, A. J.....300 E. Grand River, Brighton
Nicholas, Mildred V.....Michigan Sanatorium, Howell
Perry, Florence J. C...17640 San Rosa, R. 3, Birmingham
Scheafer, Joseph C...Michigan State Sanatorium, Howell
Schenden, A. J.....6335 W. M36, Pinckney
Sigler, Hollis L.....110 N. Michigan, Howell
Walker, Enos G.....4485 Cordley Lake Road, Lakeland
Woodworth, E. S.....422 E. Lake, Howell

Adams, D. C.....	Newberry
Banach, Alexius.....	Newberry State Hospital, Newberry
Camp, D. E.....	Newberry State Hosp., Newberry
Campbell, Earl H. (E).....	Newberry
Gibson, Robert E. L.....	Newberry
Grennan, L. E.....	210 W. John St., Newberry
Hicks, R. P.....	210 W. John St., Newberry

Purmort, William R., Jr.....	Newberry
Streitwieser, Robert J.....	Newberry State Hosp., Newberry
Surrell, Matthew A.....	Newberry
Swanson, George F.....	VA Hospital, Univ. & Woodland Ave., Philadelphia 4
Thompson, T. W.....	Newberry State Hospital, Newberry

Adler, M. W.....19188 Appoline Ave., Detroit
Barker, J. G.....8050 Warren, Centerline
Bower, A. B.....Armada
Brady, Milo J.....21509 Eleven Mile Road
St. Clair Shores
Bryce, James W.....25020 Van Dyke, Centerline
Buckley, Daniel J.....160 S. Walnut, Mt. Clemens
Charbeneau, H. P.....Monitor Leader Bldg., Mt. Clemens
Croman, Joseph M., Jr.....117 Cass Ave., Mt. Clemens
Curlett, James E. (L).....26765 Gratiot, Roseville
Deal, Harold R.....11584 Somerset, Detroit
Dudzinski, E. J.....51034 Washington St., New Baltimore
Ellias, Elmer P.....4330 Fullerton, Detroit 6
Engels, John A.....Richmond
Goldman, B. J.....406 Monitor Leader Bldg., Mt. Clemens
Hartmann, W. B.....1416 S. Gratiot, Mt. Clemens
Jewell, James H.....18215 Utica Road, Roseville
Juliar, Joseph F.....302 Monitor Leader Bldg.,
Mt. Clemens
Kane, Peter.....711 Monitor Leader Bldg., Mt. Clemens
Kane, W. J.....171 North Avenue, Mt. Clemens
Klein, Alfred A.....19785 Cheyenne, Detroit 35
Lynch, Russell E.....25020 Van Dyke, Centerline
Maguire, A. J.....4875 Van Dyke Avenue, Utica
Martin, Wm. L.....117½ S. Main St., Romeo
Mattes, Max W.....18600 Griggs, Detroit
Miller, Sydney S.....22048 Gratiot Ave., East Detroit
Moore, George F.....410 Monitor Leader Bldg.,
Mt. Clemens
Mulligan, Philip T.....91 Cass St., Mt. Clemens
Niekamp, H. H.....45157 Van Dyke, Utica
Parker, B. M. (R).....Utica
Pollina, C. J.....21503 Harper, St. Clair Shores
Reichman, Joseph J.....312 Monitor Leader Bldg.,
Mt. Clemens

Reitzel, Rufus H.....199 S. Gratiot, Mt. Clemens
Reizen, Maurice S.....10564 Ludlow, Huntington Woods
Revere, J. O.....192 S. Gratiot, Mt. Clemens
Rickman, L. D.....10 Howard Street, Mt. Clemens
Rivard, Charles L. 20825 Mack Ave., Grosse Pte. Woods
Rivkin, Joseph.....44 S. Gratiot Ave., Mt. Clemens
Roth, G. E.....19136 Mendota, Detroit
Rothman, Arthur M.....22552 Gratiot, East Detroit
Rourke, Ronald...21503 Harper Ave., St. Claire Shores
Rousseau, D. L.....St. Joseph Hospital, Mt. Clemens
Ruedisueli, Clarence A.....18215 Utica Road, Roseville
Salot, Russell F.....713 Monitor Leader Bldg.,
Mt. Clemens
Scher, Joseph N.....130 Cass Avenue, Mt. Clemens
Scher, Sydney.....132 Cass Avenue, Mt. Clemens
Siegfried, Edward G.....30781 Division St., New Haven
Singer, Nelson.....22100 Gratiot, East Detroit
Smith, Milton C.....50 S. Gratiot, Mt. Clemens
Stone, Elizabeth A.....Romeo
Strempek, W. F.....209 W. St. Clair St., Romeo
Stryker, Oscar D.....Macomb Co. Health Dept.,
Mt. Clemens
Sturm, Fred A.....29405 Jefferson, St. Clair Shores
Suksta, A. W.....18215 Utica Rd., Roseville
Suzuki, M.....295 Beaumont, Wichita Falls, Texas
Test, Frederick C., II.....91 Cass Ave., Mt. Clemens
Thompson, Alfred A.....126 Cass Avenue, Mt. Clemens
Ullrich, Russell W.....91 Cass Ave., Mt. Clemens
Weiss, Jack I.....13301 Ludlow, Huntington Woods
Wellard, Henry C.....New Baltimore
Whitley, Alec.....30233 Jefferson, St. Clair Shores
Wiley, D. Bruce.....45310 Van Dyke, Utica
Wyte, William C.....99 S. Gratiot Ave., Mt. Clemens
Zavela, Daniel.....22614 Gratiot Ave., Detroit

Hansen, E. C.....	78 Maple, Manistee
Konopa, John F.....	57 Poplar St., Manistee
Lalime, Ruth E.....	Bear Lake
Lewis, Lee A. (E).....	467 Second St., Manistee
Loughrin, J. J.....	90 Maple Street, Manistee
Miller, Ernest B.....	425 River Street, Manistee

Oakes, Ellery A.....	401 River St., Manistee
Ogilvie, Gordon D.....	210 Savings Bank Bldg., Manistee
Ramsdell, Homer A.....	Engelman Bldg., Manistee
Schwarz, Marlowe L.....	Onekama
Schwing, D. N.....	336 First St., Manistee

MARQUETTE - ALGER COUNTIES

Acocks, J. R.....Morgan Heights San, Marquette
Amolsch, Arthur L.....321 Pine Street, Marquette
Baron, Benzoin C.....Munising
Bennett, Arthur K. (L).....Box 436, Mt. Dora, Fla.
Bennett, M. C.....Union National Bank Bldg., Marquette
Berry, Robert F.....Bacon Bldg., Marquette
Bertucci, Joseph P.....114 S. First St., Ishpeming
Bolitho, T. B.....425 E. Michigan Ave., Marquette
Boog, Janet M.....Huetter Bldg., Marquette
Casler, W. L.....131 E. Ridge, Marquette
Cooperstock, Moses.....105 S. Front St., Marquette
Corcoran, W. A.....112 Cleveland Ave., Ishpeming
D'Adesky, R. G. (A).....St. Luke's Hospital, Marquette
Drury, Charles P. (R).....414 E. Hewitt, Marquette
Elzinga, Eugene R.....315 N. Front St., Marquette
Erickson, Arvid W.....114 Front Street, Ishpeming
Fennig, F. A.....315 N. Front St., Marquette
Hettle, P. J.....Savings Bank Bldg., Marquette
Hirwas, C. L.....Huetter Building, Marquette
Hornbogen, D. P.....Hornbogen Building, Marquette
Howe, Lloyd W.....Savings Bank Bldg., Marquette
Jaedecke, R. G.....829 Croix Street, Negaunee

Knutson, George O.....829 Croix Street, Negaunee
Kronschabel, E. F.....Gwinn
Lambert, W. C.....Huetter Building, Marquette
LeGolván, Celestin.....221 W. Washington, Marquette
LeGolván, Paul C.....Brooke Army Hosp.,
San Antonio, Tex.
Lyons, James W., Jr.....First National Bldg., Marquette
Matthews, Norman L.....St. Luke's Hospital, Marquette
Moore, B. E.....Ishpeming Hospital, Ishpeming
Mudge, William A.....314 Teal Lake Ave., Negaunee
Narotzky, Archie S.....200 S. Main Street, Ishpeming
Paine, R. L.....416 Teal Lake, Negaunee
Paull, Frank O. (R).....816 Pine Street, Marquette
Rosenbaum, Louis II.....524 Mather, Ishpeming
Schweinsberg, Sara D.....Savings Bank Bldg., Marquette
Scotte, Isaiah (L).....Michiganamme
Stewart, L. C.....Savings Bank Bldg., Marquette
Swinton, A. L. (E).....Savings Bank Bldg., Marquette
Tearnan, Raymond A.....Munising
Van Riper, Paul (L).....Champion
Waldie, George M.....Ishpeming Hospital, Ishpeming
Wickstrom, George B.....Madigan Building, Munising
Williams, R. G.....524 Mather Street, Ishpeming

MASON COUNTY

Bacon, Herbert G. Jr.....Scottville
Boldyreff, Ephriam B.....Custer
Boon, A. F.....702 W. Court Street, Ludington
Carney, John R.....202 N. Park, Ludington
Carney, Ruth V. C.....202 N. Park, Ludington
Goulet, Leo J.....222 S. James St., Ludington
Hoffman, Howard B.....201 N. Washington Ave.,
Ludington

Kleinschmidt, Gladys.....Court House Bldg., Ludington
Martin, William S.....107 W. Ludington Ave., Ludington
Morrow, W. J. (M).....23 King Phillip Dr.,
E. Greenwich, R. I.
Ostrander, Robert A.....121 Ludington Ave., Ludington
Paukstis, Charles A.....111 Court St., Ludington
Slaybaugh, James C.....101 W. Loomis St., Ludington

MECOSTA-OSCEOLA-LAKE COUNTIES

Bruggema, Jacob.....Evart
Chess, Leo F.....232 Chestnut Street, Reed City
Franklin, Benjamin L. (E).....Remus
Haldeman, J.126 Maple, Big Rapids
Hickox, L. A.....211 Rose Street, Big Rapids
Ivkovich, Paul.....111 S. Chestnut Street, Reed City
Kilmer, David N.....102½ Upton, Reed City
Kilmer, Paul B.102½ Upton, Reed City

Kowaleski, Edward H.....Remus
Merlo, Frank A.....206 S. Michigan Ave., Big Rapids
Nelson, Lorenzo R.....Baldwin
Peck, Louis K. (E).....Barryton
Treynor, Thomas P.....126 Maple Street, Big Rapids
Tyson, J. L.....324 Mecosta Avenue, Big Rapids
VanAuken, Edward W.....126 Maple Street, Big Rapids
Walters, J. E.....126 Maple, Big Rapids
White, John A.....121 S. Michigan Ave., Big Rapids

MENOMINEE COUNTY

Agneberg, Nils O.....531 First Street, Menominee
Brukardt, Herman R.....Electric Square Bldg., Menominee
Clay, J. W.....1146 Tenth Avenue, Menominee
DeWane, Francis J.....413 Tenth Ave., Menominee
Flanagan, Clarence B.....534 First St., Menominee
Glickman, L. Grant.....958 First St., Menominee
Gonty, Arthur.....St. Joseph's Hospital, Menominee
Heidenreich, John R.....Daggett

Jones, William S.....1146 10th Avenue, Menominee
Jones, W. S., Jr.....1146 10th Avenue, Menominee
Kaye, John T.....1005 10th Avenue, Menominee
Kerwell, Karm C.....Stephenson
Peterson, Allen R.....Daggett
Sethney, Henry T.....Electric Square Bldg., Menominee
Sweany, S. K.....Pinecrest San., Powers
Towey, John W.....Pinecrest San., Powers

MIDLAND COUNTY

Ballmer, Robert S.....2715 Ashman St., Midland
Bernier, J. A.....Sanford
Blackhurst, R. T.....Blackhurst Building, Midland
Bowsher, Robert E.....2719 Ashman Street, Midland
Bridge, R. G.....2715 Ashman, Midland
Bulmer, Dan J.....402 E. Ellsworth, Midland
Buskirk, Maurice D.....110 W. Sugnet Street, Midland
Gay, Harold H.....Dow Chemical Co., Midland
Gordon, Harold L.....Dow Chemical Co., Midland
Grewe, Norman C.....347½ E. Main Street, Midland
Gronemeyer, William H.....110 W. Sugnet, Midland
Holder, Benjamin.....Dow Medical Dept., Midland
Howe, Irvin M.....110 W. Sugnet Street, Midland
Howell, R. H.....124 Townsend Street, Midland

Ittner, Martin J.....217 N. Saginaw Rd., Midland
Kaasa, Laurin J.....2011 Ashman Street, Midland
Linsenmann, Karl W.....312 E. Main St., Midland
MacCallum, Charles L.....224 E. Larkin, Midland
Maynard, W. A.....Coleman
Meisel, Edward H. Jr.....413 Lingle Lane, Midland
Moench, Fred.....401 W. Main St., Midland
Murphy, John E.....119 Gordon St., Midland
O'Hara, Bernard.....110 W. Sugnet, Midland
Pike, Melvin H.....224 E. Larkin St., Midland
Poznak, Leonard A.....1411 Crane Court, Midland
Randolph, Stephen H.....17 Gordon St., Midland
Sherk, Joseph H.....Masonic Bldg., Midland
Towsley, W. D.....Blackhurst Bldg., Midland
Willison, Charles H.....122 Townsend, Midland

MONROE COUNTY

Ames, Florence D.....2 W. Noble Ave., Monroe
 Barrett, C. D.....218 E. First Street, Monroe
 Blakey, L. C.....222 N. Monroe St., Monroe
 Bond, W. W.....4 East Front St., Monroe
 Cigany, Zoltan B.....1402 Monroe, Carleton
 Ewing, R. T.....130 Maple Blvd., Monroe
 Flanders, J. P.....31 Washington, Monroe
 Frary, R. A.....423 E. Elm Avenue, Monroe
 Freud, John W.....222 N. Monroe, Monroe
 Gelhaus, Wm. J.....4 East Front St., Monroe
 Hensel, Hilda M. E.....12 East Fourth, Monroe
 Hunter, M. A.....35 East Front St., Monroe
 Johnson, A. Esther.....31 Washington Ave., Monroe
 Kelso, S. Newton, Jr.....127 E. Front Street, Monroe
 Laboe, Edward W.....725 N. Monroe, Monroe
 Lammers, Gerald P.....Ida
 Landon, Herbert W. (E).....512 Washington, Monroe
 Lapp, C. J.....Luna Pier

Loan, S. B.....31 Washington Street, Monroe
 Long, Edgar C.....1310 N. Macomb St., Monroe
 McDonald, T. A.....17 E. Elm Avenue, Monroe
 McGeoch, R. W.....718 N. Macomb, Monroe
 McMillin, J. H.....423 E. Elm Street, Monroe
 Meier, Walter A.....106 E. Front Street, Monroe
 Middleton, S. W.....219 W. Front Street, Monroe
 Newcomer, Sheldon R.....31 Washington, Monroe
 Parmelee, O. E. (L).....Lambertville
 Pinkus, Hermann, K. B.....12 E. Fourth St., Monroe
 Reisig, Albert H.....9 S. Monroe St., Monroe
 Sanger, Emerson J.....530 S. Monroe St., Monroe
 Sisman, B. J.....325 N. Monroe Street, Monroe
 Streicher, R. G.....729 N. Monroe St., Monroe
 Tomlinson, Ledyard H.....Newport
 Wagar, Spencer H.....31 Washington St., Monroe
 Weeks, V. L.....1 E. Front St., Monroe
 Williams, Robert J.....31 Washington St., Monroe
 Williamson, George W.....284 Tecumseh Street, Dundee

MUSKEGON COUNTY

Allen, R. T.....1891 Lake Shore Dr., Muskegon
 Anderson, A. J.....1371 Peck Street, Muskegon
 Anderson, Axel W.....Lakewood Club, Twin Lake
 Atkinson, Annie L.....2024 Seventh St., Muskegon Hts.
 August, R. V.....72 E. Broadway, Muskegon Hts.
 Barnard, Helen S.....Nedau Building, Muskegon
 Barnes, J. W.....102 Professional Bldg., Montague
 Benedict, Arthur L.....22 W. Southern Ave., Muskegon
 Bloom, C. J. (L).....59 E. Larch St., Muskegon
 Bolthouse, Robert E.....2416 Peck St., Muskegon Hts.
 Bond, W. H.....1377 Peck Street, Muskegon
 Boyd, D. R.....1735 Peck Street, Muskegon
 Bradshaw, Park S.....1014 Jefferson, Muskegon
 Busard, J. Max.....503 Muskegon Bldg., Muskegon
 Chapin, William S. (A).....638 Sanford St., Muskegon Hts.
 Christophersen, James W.....1276 Lake Shore Drive,
 Muskegon
 Clapp, Henry W.....83 Strong Ave., Muskegon
 Clark, Harry L.....Hackley Hospital Lab., Muskegon
 Closs, Harold F.....809 Hackley Union Bank Bldg.,
 Muskegon
 Cohan, Sol G.....1114 Second Street, Muskegon
 Cronick, Anne B.....1067 Pine Street, Muskegon
 Dasler, A. F.....1507 Peck Street, Muskegon
 DeLeeuw, Henry.....2144 Peck St., Muskegon Hts.
 Diskin, Frank.....410 Jackson Ave., Muskegon
 Dykhuizen, Harold D.....710 Hackley Union Bank Bldg.,
 Muskegon
 Ellis, Nicholas J.....1883 Lake Shore Drive, Muskegon
 Emerick, Robert W.....878 N. Second Street, Muskegon
 Engstrom, Albert O.....Whitehall
 Fillingham, Enid.....870 N. Second St., Muskegon
 Fleischmann, C. B.....250 W. Webster, Muskegon
 Fleishman, Norman A.....1094 Jefferson, Muskegon
 Fles, R. J.....1715 Peck Street, Muskegon
 Folsom, J. D.....1706 Peck Street, Muskegon
 Gaikema, Everett W.....Muskegon Co. Sanatorium
 North Muskegon
 Garber, Frank W. Jr.....1178 Third St., Muskegon
 Giese, D. H.....Lyman Building, Muskegon
 Goltz, Martha H.....Montague
 Greene, Henry P.....764 Pine St., Muskegon
 Griffith, Robert M.....1217 Fifth Street, Muskegon
 Hankamp, LaMar.....878 N. Second St., Muskegon
 Hanley, W. J.....405 Hackley Union Bldg., Muskegon
 Harryman, James E.....1129 Peck Street, Muskegon
 Hartwell, Shattuck W.....452 W. Western Ave., Muskegon
 Hennessy, Mary E.....503 Muskegon Bldg., Muskegon
 Heneveld, Edward H.....1603 Peck St., Muskegon
 Heneveld, John (R).....4238 Harbor Pointe Road,
 Muskegon
 Heneveld, R. G.....1458 Montague Ave., Muskegon
 Hill, J. K.....203 Panyard Bldg., Muskegon
 Holly, Leland E.....876 Second St., Muskegon

Hornbeck, W. J.....Michigan Theater Bldg., Muskegon
 Joistad, Arthur H. Jr.....878 N. Second St., Muskegon
 Kane, Thomas J.....179 Strong Ave., Muskegon
 Kay, Cecelia S.....1533 Peck Street, Muskegon
 Keilin, Marie.....403 Michigan Theater Bldg.,
 Muskegon
 Kerr, Howard J.....1441 Lakeshore Drive, Muskegon
 Kleaveland, I. J.....1624 Peck Street, Muskegon
 Lapham, Landon M.....Whitehall
 Lange, Eugene W.....Mercy Hosp., 1520 Fifth St.,
 Muskegon
 Lauretti, Emil J.....815 Hackley Bank Building
 Muskegon
 Laurin, Vilda S.....804 Hackley Bank Bldg.,
 Muskegon
 LeFevre, Louis L.....450 W. Western Ave., Muskegon
 LeFevre, William M.....289 W. Western, Muskegon
 Loder, Leonel L.....Hackley Union Bldg., Muskegon
 Loomis, John L. (R).....Ward C-1, Veterans Hosp.,
 Long Beach, Calif.
 Maire, L. E.....506 Liberty Life Bldg., Muskegon
 Mandeville, C. B.....515 Hackley Union Bank Bldg.,
 Muskegon
 Maples, Douglas E.....402 Center Street, N., Muskegon
 McNair, John N.....967 Second St., Muskegon
 Medema, Paul E.....1017 Sanford, Muskegon
 Meengs, Marvin B.....1725 Peck St., Muskegon
 Miller, Phillip L.....1755 Peck St., Muskegon
 Mulder, Lambertus.....Hackley Union Bldg., Muskegon
 Mulligan, A. W.....1260 Jefferson Street, Muskegon
 Oden, Constantine L. A.....804 Hackley Union Bank Bldg.,
 Muskegon
 Paterson, L. C.....203 Panyard Bldg., Muskegon
 Pettinga, F. L.....1603 Pack Street, Muskegon
 Powers, Lunette I. (E).....337 Morris Ave., Muskegon
 Prentice, Edwin W.....1017 Sanford St., Muskegon
 Price, Leonard.....1282 Arthur St., Muskegon
 Risk, Robert D.....1160 Ransom St., Muskegon
 Scholle, Norbert W.....2500 Peck Street, Muskegon Hts.
 Sears, Richard.....Court House, Muskegon
 Shebasta, Emil M.....1075 Jefferson, Muskegon
 Smith, M. Luther.....840 Pine Street, Muskegon
 Swartout, W. C. (L).....514 Hackley Union Bank Bldg.,
 Muskegon
 Swenson, Leland L.....1706 Peck St., Muskegon
 Teifer, Charles A.....407 Muskegon Building, Muskegon
 Tellman, H. Clay.....706 Hackley Union Bank Bldg.,
 Muskegon
 Thieme, S. W. (L).....Ravenna
 Thornton, Eugene S.....802 Hackley Union Bank Bldg.,
 Muskegon
 Toy, Charles M.....1067 Pine St., Muskegon
 Tyler, William H.....1435 Peck Street, Muskegon
 Vanderlaan, John E.....1624 Peck Street, Muskegon

Vandervelde, C. A.....703 Hackley Union Bank Bldg.,
Muskegon
VanGelder, W. E.....Hackley Union Bank Bldg.,
Muskegon
Wagenaar, Edward H.....404 Muskegon Building
Muskegon

White, W. G., Jr.....204 Michigan Theater Bldg.,
Muskegon
Wiersma, Silas C.....Hackley Union Bldg., Muskegon
Wildgen, Bernard C.....416 Hackley Bank Bldg.,
Muskegon
Wilke, Carl A.....Montague
Williams, Edward V.....905 Jarman Street
Muskegon Heights

NEWAYGO COUNTY

Carter, Laura J.....Grant
Deur, Theodore R.....Grant
Geerlings, Lambert J.....20 N. Division St., Fremont
Klein, J. Paul.....16 W. Sheridan, Fremont

Masters, Brooker L.....111 W. Dayton St., Fremont
Moore, Hugh R.....38 State St., Newaygo
O'Neill, John W.....White Cloud
VandenBerg, Tunis.....20 N. Division Ave., Fremont

NORTH CENTRAL COUNTIES

Backe, John C.....Box 434, Gaylord
Balice, Francis W. (M).....(No Address)
Barstow, Richard G.....429 N. Center St., Gaylord
Boehm, John D. (R).....West Branch
Clippert, Clarence G.....308 Michigan Ave., Grayling
Coulter, Keith D.....Gladwin
Crandell, Clare H.....420 E. Houghton, West Branch
Egle, Joseph L.....Northern Michigan TB San., Gaylord
Forney, F. A. (L).....544 North Fairlane, Midland
Hasty, Earl A.....115 Burgess, West Branch
Hayes, Louis F. (M).....300 McClellan, Grayling
Henig, B. Elmore.....308 Michigan Ave., Grayling
Hornbeck, R. J.....Box 187, Lewiston
Jardine, Hugh M.....109 S. Third St., West Branch

Kitti, Wm. H.....Kalkaska
Libke, Robert S.....Gaylord
Martzowka, M. A.....Roscommon
McKillop, G. L.....Gaylord
Mikan, V. R.....Houghton Lake
Oppy, Charles L.....Roscommon
Peckham, Richard C.....Gaylord
Rodda, E. H.....Grayling
Schaiberger, George L.....
707 W. Hought St., West Branch
Stealy, Stanley A.....Box 485, Grayling
Timreck, Harold A.....Gladwin
VanOstan, O. A.....115 Burgess, West Branch

NORTHERN MICHIGAN COUNTIES

Allen, RobertPetoskey
Alm, B. T.....Petoskey
Blum, Benjamin B.....Petoskey
Burns, Dean C.....314½ Howard St., Petoskey
Conkle, Guy C. (E).....Boyne City
Conklin, F. L.....Burt Lake
Conti, Joseph B.....Petoskey
Conway, William S.....Burns Clinic, Petoskey
Crippen, Edward F.....126½ State St., Mancelona
Drake, Gerald, Capt., MC (M).....
6407th USAF Hosp., APO 323, San Francisco, Calif.
Duffie, Don H. (L).....Central Lake
Grate, Lawrence E.....112 Clinton St., Charlevoix
Hegener, A. J.....Petoskey
Kirk, T. R., Maj., MC.....
2355th Per. Pro. Sq., Pier 91, Seattle, Wash.
Larson, Walter E.....320 N. Huron St., Cheboygan
Lawrie, G. K.....816 Spruce St., Petoskey

Lentini, NicholasCheboygan
Litzenburger, Albert F.....Boyne City
Martin, R. G.....103 Clinton St., Charlevoix
Mateskon, V. S.....Burns Clinic, Petoskey
Mayne, Frederick C.....Cheboygan
McKnight, RobertPetoskey
Palmer, Russell E.....Charlevoix
Pearson, R. E.....Boyne City
Reus, Leonard W.....Petoskey
Rodger, John R.....Bellaire
Saltonstall, Gilbert B.....112 Clinton St., Charlevoix
Savory, John H.....East Jordan
Stringham, James R.....225 Backus St., Cheboygan
Taylor, R. M.....1109 E. Mitchell, Petoskey
Terr, IsaacCharlevoix
Vail, Harry F.....St. James
Van Dellen, Jerrian.....East Jordan
Weburg, Kathryn D.....Petoskey
Wood, George H.....Onaway

OAKLAND COUNTY

Abbott, James A.....Pontiac State Hosp., Pontiac
Abbott, Vernon C.....1405 Pontiac State Bldg., Pontiac
Adair, Robin.....602 N. Woodward, Birmingham
Adams, Frederick M.....
600 N. Woodward Ave., Birmingham
Albrecht, R. W.....
2925 Orchard Lake Rd., Keego Harbor
Arnkoff, Harry.....305 First Nat. Bank Bldg., Pontiac
Aulie, H. G.....500 S. Washington, Royal Oak
Awes, Lorraine E.....
1411 Pontiac State Bank Bldg., Pontiac
Baker, Frederick A. (R).....4775 Motorway Dr., Pontiac
Baker, Robert H.....1110 Pontiac State Bank Bldg., Pontiac
Bannow, Robert J.....
704 Pontic State Bank Bldg., Pontiac
Barker, Charles P.....Pontiac State Hosp., Pontiac
Barker, Howard B.....1006 Riker Bldg., Pontiac
Bauer, Bruce.....23005 John R St., Hazel Park
Bauer, Edward G.....101½ N. Saginaw, Pontiac
Bauer, Ernest W.....23005 John R St., Hazel Park
Beattie, W. G.....Professional Bldg., Ferndale
Beck, Otto O.....280 W. Maple, Birmingham

Becker, Anne.....Pontiac State Hosp., Pontiac
Belknap, Warren F.....1809 S. Main St., Royal Oak
Berg, R. H.....2 S. Washington, Oxford
Berger, Charles J.....1413 S. Washington Ave., Royal Oak
Birmingham, J. R.....1809 S. Main St., Royal Oak
Blackwell, Leonard.....549½ N. Perry St., Pontiac
Blakeney, James R.....449 E. Pike St., Pontiac
Blue, Jane.....218 Riker Bldg., Pontiac
Bookmyer, R. M. (M).....390 E. Maple St., Birmingham
Boucher, R. E.....
617 Washington Square Bldg., Royal Oak
Bowers, Charles L.....Riker Bldg., Pontiac
Brown, A. L.....711 Community Bank Bldg., Pontiac
Budd, A. S.....1999 E. 14 Mile Rd., Birmingham
Bullard, R. W., Jr.....20 S. Main St., Clarkson
Burgess, Charles M.....23235 Woodward Ave., Ferndale
Burke, C. G.....1022 Riker Bldg., Pontiac
Butler, Samuel A. (L).....Pontiac State Hosp., Pontiac
Byberg, Robert A.....500 S. Washington, Royal Oak
Calhoun, Ethel T.....30305 Grand River, Farmington
Campbell, Malcolm D.....
216 Washington Square Bldg., Royal Oak

Carrow, Joyce M.....622 Riker Bldg., Pontiac
 Cefai, A. F.....310 Pontiac State Bank Bldg., Pontiac
 Chandler, Douglas.....391 Hamilton, Birmingham
 Christensen, W. L.....109 W. 11 Mile Rd., Royal Oak
 Christie, J. W.....711 Pontiac State Bank Bldg., Pontiac
 Clarke, Harriett A.....Pontiac State Bank Bldg., Pontiac
 Cline, A. L.....405 Pontiac State Bank Bldg., Pontiac
 Cobb, Leon F.....75½ W. Huron, Pontiac
 Cobb, Thomas H.....804 Riker Bldg., Pontiac
 Collins, Edward F.....26½ Huron, West, Pontiac
 Condon, F. J.....2401 E. Fourth St., Royal Oak
 Conner, Edward D.....3856 South Miller Way, Birmingham
 Conrad, C. D.....3027 Woodward, Royal Oak
 Cooley, Roy V., Jr.....189 Orchard Lake Ave., Pontiac
 Cooper, Robert J.....622 Riker Bldg., Pontiac
 Coucke, Henry O.....1148 S. Woodward Ave., Royal Oak
 Crissman, H. C.....22748 Woodward Ave., Ferndale
 Crum, Roger E.....411 Pontiac State Bank Bldg., Pontiac
 Cudney, Ethan B.....Pontiac Motor Division, Pontiac
 Dahlgren, Carl W.....301½ Orchard Lake Rd., Keego Harbor
 Darling, C. G., Jr.....1025 Riker Bldg., Pontiac
 Darmstaetter, A. A., Jr.....222 E. Maple, Birmingham
 Delaney, M. M.....23603 Farmington Rd., Farmington
 DeLawter, Hilbert H.....277 Pierce, Birmingham
 Deutsch, William L.....600 W. First, Huntington Woods
 Dobski, Edwin J.....236 Riker Bldg., Pontiac
 Dougherty, E.....27243 Southfield, Birmingham
 Dunlap, Gregg L.....2925 Orchard Lake Ave., Keego Harbor
 Dunn, Lewis E.....3924 Twelve Mile Rd., Berkley
 Durak, Gerald G. (M).....USAS Hosp., Westover, Chicopee Falls
 Durocher, Normand E.....605 Pontiac State Bank Bldg., Pontiac
 Dustin, R. W.....640 N. Woodward, Birmingham
 Edwards, J. W.....8400 West Eight Mile Rd., Ferndale
 Ekelund, Clifford T.....906 Riker Bldg., Pontiac
 Endress, Z. F. (M).....410 Pontiac State Bank Bldg., Pontiac
 Esslinger, J. O.....227 Briggs Bldg., Birmingham
 Evseeff, George S.....2685 Amberly Rd., Birmingham
 Farnham, Lucius A. (L).....538 Riker Bldg, Pontiac
 Ferris, G. N.....25085 Coolidge, Oak Park
 Ferris, Ralph G.....205 Hanna Bldg., Birmingham
 Fink, L. Jerome.....1411 Pontiac State Bank Bldg., Pontiac
 Fitzpatrick, Francis J.....818 Peoples State Bank Bldg., Pontiac
 Flick, John R.....120 West Second, Royal Oak
 Foust, Earl W.....1625 E. Fourth St., Royal Oak
 Fox, Ralph M.....640 N. Woodward, Birmingham
 Furlong, Harold A.....932 Riker Bldg., Pontiac
 Gaba, H. B.....21721 Dequindre, Hazel Park
 Gaber, Ben.....10851 W. Ten Mile Rd., Oak Park
 Gadbaw, Joseph J.....23603 Farmington Rd., Farmington
 Gaensbauer, Ferdinand.....932 Riker Bldg., Pontiac
 Garber, M. J.....23606 Farmington, Farmington
 Garipey, Bernard F.....109 W. First St., Royal Oak
 Gates, E. M.....206-10 Riker Bldg., Pontiac
 Gatley, C. R.....97 N. Perry St., Pontiac
 Gatley, L. Warren.....97 N. Perry St., Pontiac
 Gaukler, R. J. (M).....USAH, Ft. Leonard Wood, Mo.
 Gehringer, Norman F.....336 Riker Bldg., Pontiac
 Geib, Ormond D.....Avon Bldg., Rochester
 Geist, Edgar J.....413 Woodward Ave., Rochester
 Gell, J. W.....940 Riker Bldg., Pontiac
 Gerls, Frank B.....602 Peoples State Bank Bldg., Pontiac
 Gibson, James C. (E).....206 E. Commerce, Milford
 Gibson, Richard E.....1011 Hazel St., Birmingham
 Gibson, Wellington C.....216 Commerce St., Milford
 Gill, Matthew J.....324 Riker Bldg., Pontiac
 Goerner, D.....390 E. Maple, Birmingham
 Goldstein, Herbert.....12701 W. Ten Mile Rd., Oak Park
 Goode, Norman J., Jr.....109 E. Nine Mile, Ferndale
 Gradolph, Paul L.....23338 Woodward Ave., Ferndale
 Grant, William A. (L).....Milford

Green, J. D. (M).....217 Briggs Bldg., 222 E. Maple, Birmingham
 Green, R. S.....c/o The Haven Sanitarium, Rochester
 Green, William M.....1402 Pontiac State Bldg., Pontiac
 Guttermann, M. A.....25085 Coolidge Hwy., Oak Park 37
 Haanes, M. A.....Pontiac State Bank Bldg., Pontiac
 Hackett, Daniel J.....1205 People State Bldg., Pontiac
 Haddock, D. A.....5800 Pontiac Trail, Pontiac
 Hagman, George L.....Cranbrook School, Bloomfield Hills
 Halsted, Lee H.....33311 Grand River, Farmington
 Hammonds, E. E.....209 Wabeek Bldg., Birmingham
 Han, Maolin.....3358 Auburn Rd., Auburn Heights
 Hanna, Carl.....c/o Fisher Body Division, GMC, Pontiac
 Hardy, George C. (L).....240 Oak Dr., Box 135-G, R. R. #2 Rochester
 Harvey, Campbell.....832 Riker Bldg., Pontiac
 Hasner, Robert B. (L).....617 Washington Square Bldg., Royal Oak
 Hassberger, J. B.....620 N. Woodward, Birmingham
 Hathaway, Clarence L. (L).....33 S. Broadway, Lake Orion
 Hathaway, William S.....433½ Main St., Rochester
 Henderson, J. E.....4 Barbour Terrace, Bloomfield Hills
 Hendren, Owen S.....1408 Pontiac State Bank Bldg., Pontiac
 Henry, Colonel R.....Professional Bldg., Ferndale
 Hensley, C. B.....46 W. Flint St., Lake Orion
 Hershey, Lynn N.....Route 1, 31275 Franklin Blvd., Birmingham
 Hirt, Harry.....1800 Tuxedo, Metropolitan Hosp., Detroit
 Hoekman, Aben.....1740 Hamilton Dr., R. 3, Pontiac
 Howlett, E. V. (L).....538 Riker Bldg., Pontiac
 Hoyt, Donald F.....1203 Pontiac State Bank Bldg., Pontiac
 Hubert, John R., Jr.....606 Riker Bldg., Pontiac
 Hull, Robert P.....23625 Woodward Ave., Ferndale
 Ignatius, A. A.....1915 E. 9 Mile Rd., Ferndale
 Jacobi, R. C.....37 N. Washington, Oxford
 Karow, Juliette Seelye.....4274 N. Woodward Ave. Royal Oak
 Keffe, Eugene J.....St. Joseph Hosp., Pontiac
 Kemp, Felix J.....1115 Peoples State Bank Bldg., Pontiac
 Kemp, W. L.....525 Southfield Rd., Birmingham
 Kendrick, H. F.....206 Riker Bldg., Pontiac
 Klewicki, H. A.....125 W. Nine Mile, Ferndale
 Koehler, William H.....629 Washington Square Bldg., Royal Oak
 Kozlow, C. S.....4274 Woodward Ave., Royal Oak
 Kozlow, Louise E. Ange.....4274 N. Woodward Ave., Royal Oak
 Kozonis, M. C.....1301 Pontiac State Bank Bldg., Pontiac
 Kuhn, Anna K.....4274 N. Woodward Ave., Royal Oak
 Kuhn, Henry H.....817 E. Eight Mile Rd., Hazel Park
 Kuhn, R. E.....4274 N. Woodward Ave., Royal Oak
 LaCore, Ivan.....Pontiac State Hosp., Pontiac
 Lahti, Paul T.....325 Washington Square Bldg., Royal Oak
 LaMarche, Norman O.....2827 Woodward, Berkley
 Lambert, Alvin G.....3027 N. Woodward Ave., Royal Oak
 Lambie, John S. (L).....280 Aspen Rd., Birmingham
 Landry, R. A.....5807½ Dixie Hwy., Waterford
 Larson, Alvin R.....640 Riker Bldg., Pontiac
 Laux, Philip J., Jr.....3027 N. Woodward, Royal Oak
 Leaky, Etta Link.....600 11 Mile Rd., Berkley
 Levine, Bernard.....25101 Coolidge, Oak Park
 Lewis, S. M.....400 W. Nine Mile, Ferndale
 Lichtwardt, H.....606 Woodward, Birmingham
 Lilly, R. J.....Pontiac State Hosp., Pontiac
 Ling, Theodore W.....23603 Farmington Rd., Farmington
 Linn, H. J.....Wm. Beaumont Hosp., Royal Oak
 Lockwood, C. E. (L).....107 Martha St., Holly
 Lowery, A. J.....1538 Union Lake Rd., Pontiac
 Lyons, R. T.....Riker Bldg., Pontiac
 Margrave, Edmund D.....306 W. Ten Mile Road, Royal Oak
 Markle, John G.....617 Washington Square Bldg., Royal Oak
 Markley, John M.....849 W. Huron St., Pontiac

Marra, J. J.....Pontiac General Hosp., Pontiac
Marsa, P. S.....46 W. Flint St., Lake Orion
Mason, Robert J.....619 N. Woodward Ave., Birmingham
Maxim, E. S.....711 Pontiac State Bank Bldg., Pontiac
McCain, French H.....296 N. Hunter Blvd., Birmingham
McConkie, J. P.....311-2 Wabeek Bldg., Birmingham
McEvoy, F.....1715 Crooks Rd., Royal Oak
McHugh, James.....391 Hamilton, Birmingham
McInerney, T. S.....109 W. Eleven Mile Rd., Royal Oak
McIntyre, Kenneth.....779 Grand Marais, Grosse Pointe Park
McNeill, H. H.....83½ S. Saginaw, Pontiac
Mehas, C. P.....1150 Dorchester, Birmingham
Meinke, Herman A.....817 E. 8 Mile Rd., Hazel Park
Meisner, Harry E.....25622 Coolidge Highway, Huntington Woods
Mercer, Frank A.....1401 Pontiac State Bank Bldg., Pontiac
Merrill, Lionel N.....330 Washington Square Bldg., Royal Oak
Milgrom, Sidney.....1229 W. Washington, Royal Oak
Miller, Hazen L.....617 Washington Square Bldg., Royal Oak
Miller, Sidney.....604 N. Woodward Ave., Birmingham
Moloney, J. Clark.....414 Arlington, Birmingham
Monroe, John D.....Oakland County Health Dept., Pontiac
Morton, J. A. (M).....St. Joseph Hosp., Pontiac
Mumby, Clinton J.....Pontiac State Bank Bldg., Pontiac
Munson, H. L.....404 Pontiac Trail, Walled Lake
Nalepa, Eugene J.....704 Pontiac State Bank, Pontiac
Naz, John F.....20 S. Main St., Clarkston
Neafie, Charles A. (L).....Pontiac City Health Dept., Pontiac
Nessel, J. H.....96 Barrington Rd., Pontiac
Newcomb, Arnold B.....P.O. Box 1036, Berkley
Nichamin, Samuel J.....25101 Coolidge, Oak Park
Norup, John.....2635 Coolidge Hwy., Berkley
Nosanchuk, Joseph I.....1215 Pontiac State Bank Bldg., Pontiac
Olsen, Richard E.....St. Joseph Mercy Hospital, Pontiac
Palmer, Hayden D.....506 Riker Bldg., Pontiac
Patrick, C. I.....5807½ Dixie Hwy., Waterford
Pauli, Theodore H.....206 Riker Bldg., Pontiac
Payton, Charles F.....1719 Crooks Rd., Royal Oak
Pear, E. G.....3023 N. Woodward Ave., Royal Oak
Pearce, James F.....114 S. Washington, Royal Oak
Pelletier, Charles J.....1914 Dusetta, Royal Oak
Petroff, George N.....1301 Pontiac State Bank Bldg., Pontiac
Pierce, W. H.....600 N. Woodward Ave., Birmingham
Porritt, Ross J.....304 Riker Bldg., Pontiac
Ports, Preston W.....33109 Grand River, Farmington
Prather, F. W.....347 N. Main St., Milford
Prevette, Isaac C.....215 First National Bank Bldg., Pontiac
Prosser, M. G.....3803 Elizabeth Lake Rd., Pontiac
Quarton, Albert E., Jr.....3027 N. Woodward, Royal Oak
Quinn, James R.....511 Pontiac State Bank Bldg., Pontiac
Raynale, George P. (L).....302 Wabeek Bldg., Birmingham
Read, James Allen.....610 N. Woodward, Birmingham
Rech, W. R.....404 Pontiac Trail, Walled Lake
Reid, Fred T.....Clawson State Bank Bldg., Clawson
Riddle, John, Capt., M.C. (M).....6407 USAF Hosp., GP, APO 323-2, San Francisco, Calif.
Riggs, Harry L.....31 Orchard Lake, Pontiac
Riker, Aaron D.....1012 Riker Bldg., Pontiac
Roehm, Harold R.....322 Wabeek Bldg., Birmingham
Rowley, Laurie G.....4400 Dixie Hwy. Drayton Plains
Rupp, Edson C., Jr.....Washington Square Bldg., Royal Oak
Rush, Alva D.....114 S. Woodward Ave., Birmingham
Russell, V. P.....624 Washington Square Bldg., Royal Oak

Ruva, J. J.....4463 Dixie Hwy., Drayton Plains
St. John, Harold A.....718 Riker Bldg., Pontiac
Sansone, T. J.....413 Woodward St., Rochester
Saunders, Kenneth.....211 S. Saginaw, Holly
Schlecte, I. C.....120 Second St., Rochester
Schmitt, P. E.....Washington Square Bldg., Royal Oak
Scholes, D. R.....277 Pierce, Birmingham
Schuneman, H. A.....23760 Woodward, Pleasant Ridge
Seaborn, A. J.....1412 S. Washington St., Royal Oak
Segula, Robert L.....326 Riker Bldg., Pontiac
Selman, J. H.....3306 Auburn Ave., Auburn Heights
Sempere, C. R.....326 Riker Bldg., Pontiac
Sewell, G. R.....217 Wabeek Bldg., Birmingham
Shadley, Maxwell L.....94 Ottawa Dr., Pontiac
Sheffield, Loren C.....420 Riker Bldg., Pontiac
Sheridan, F. Michael.....1307 S. Washington, Huntington Woods
Sibley, H. A. (L).....15 Mathews St., Pontiac
Simpson, E. K. (L).....804 Pontiac State Bank, Pontiac
Smith, Carleton A.....Guilford Rd., Bloomfield Hills
Smith, Donald S.....824 Riker Bldg., Pontiac
Smith, George E.....629 Washington Square Bldg., Royal Oak
Somers, Donald C.....2338 N. Woodward Ave., Royal Oak
Somerville, W. J.....23760 Woodward Ave., Pleasant Ridge
Spencer, Lloyd H.....1219 S. Washington, Royal Oak
Spoehr, Eugene L.....22832 Woodward, Ferndale
Spohn, Earl W.....201 S. Center St., Royal Oak
Stageman, J. C.....1203 Pontiac State Bank Bldg., Pontiac
Stahl, H. F.....850 Lapeer Rd., Oxford
Stanley, W. F.....1148 S. Woodward, Royal Oak
Starker, C. T. (L).....80 East Iroquois Rd., Pontiac
Steffes, Everette M.....3345 Coolidge Hwy., Berkley
Stein, Edward.....25622 Coolidge Hwy., Huntington Woods
Steinberg, Norman N.....211 Washington Square Bldg., Royal Oak
Stevens, John M., Jr.....Pontiac State Hosp., Pontiac
Stolpman, A. K.....640 N. Woodward Ave., Birmingham
Stone, Sanford.....115 W. Lake St., South Lyon
Stuecheli, Milton B.....Beaumont Hosp., Royal Oak
Sutton, Palmer E.....629 Washington Square Bldg., Royal Oak
Swickle, Edward F.....17 S. Main, Clawson
Tauber, Abraham.....1108 Peoples State Bank Bldg., Pontiac
Tolle, Charles B.....202 Riker Bldg., Pontiac
Uloth, Milton J. (L).....Ortonville
VandenBerg, Kenneth.....711 Commercial Nat. Bank Bldg., Pontiac
Van Haltern, H. L.....Riker Bldg., Pontiac
Van Zoeren, Jay.....c/o the Haven Sanitarium, Rochester
Virga, George M.....715 N. Main St., Royal Oak
Wagner, Ruth E.....201 First St., Royal Oak
Wake, Douglas L.....1307 S. Washington, Royal Oak
Watson, Thomas Y.....640 N. Woodward Ave., Birmingham
Weisberg, William W.....25201 Coolidge Hwy., Detroit 37
Wessels, Robert R.....302 Wabeek Bldg., Birmingham
Westfall, E. J.....230 Washington Square Bldg., Royal Oak
White, Robert H.....379 Hamilton, Birmingham
Whitehouse, J. D.....The Haven Sanitarium, Rochester
Wigent, Ralph D.....c/o Pontiac Motor Div., GMC, Pontiac
Williams, John P.....1102 People State Bldg., Pontiac
Willis, Maurice E.....1411 Pontiac State Bank Bldg., Pontiac
Young, Arthur R.....906 Riker Bldg., Pontiac
Zimmerman, Walter J.....258 Washington Square Bldg., Royal Oak
Zujko, Alphonse J.....1402 Pontiac State Bank Bldg., Pontiac

SUPPL. JMSMS

OCEANA COUNTY

Diehl, ClarenceShelby
 Flint, Charles H.
 718 Fifth St., 401 Hillside Apt., Rochester, Minn.
 Hasty, Willis A.405 State St., Shelby
 Hayton, A. R. (L).....327 Michigan Ave., Shelby
 Mullen, W. R.Pentwater

Munger, L. P. (E).....Hart
 Reetz, Fred A. (A).....Shelby
 Robinson, Wm. G.....219 State St., Hart
 Vrbanc, John J.....22 N. State St., Hart
 Wood, Merle G.....19 Courtland St., Hart

ONTONAGON COUNTY

Bender, Jesse L. (L).....Mass
 Hogue, H. B.....Ewen
 Lahti, Carl R.....800 Zinc St., Otonagon

Olmstead, K. L.....141 Maple Ave., White Pine
 Strong, William F.....800 Chippewa, Ontonagon

OTTAWA COUNTY

Arendshorst, Wm. (M).....Peoples Bank Bldg., Holland
 Bazuin, C. H.....313 N. River Ave., Holland
 Beernink, E. H.....408 Fulton St., Grand Haven
 Bloemendaal, D. C.....47 E. Main St., Zeeland
 Bloemendaal, W. B.....300 Franklin St., Grand Haven
 Boersma, Vernon L.....97 East 30th St., Holland
 Bonzelaar, Alvin.....788 Columbia, Holland
 Boone, C. E.....101½ E. Main St., Zeeland
 Bulthuis, Jerry E.....Jamestown
 Clark, Nelson H.....11 West Eighth St., Holland
 Cook, C. S.....2 East Eighth St., Holland
 DeVries, H. G.....36 East Eighth St., Holland
 DeVries, Peter J.....214 Washington, Grand Haven
 DeYoung, F. W.....205 W. Savidge St., Spring Lake
 Frieswyk, Melvin J.....241 E. Main, Zeeland
 Groat, F. L.....631 Franklin St., Grand Haven
 Hager, RalphHudsonville
 Hamelink, M. H.....196 W. 32nd St., Holland
 Harms, H. P.....2 East Eighth St., Holland
 Heard, William.....414 Franklin St., Grand Haven
 Kearney, Joseph B.....33 West Eighth St., Holland
 Kemme, Gerrit J.....R. #3, Zeeland
 Kitchel, John H.....414 Franklin St., Grand Haven
 Kitchel, Mary S.....414 Franklin St., Grand Haven
 Kools, William C.....14 W. 8th St., Holland
 Kuipers, S. W.....431 Washington St., Holland
 Leenhouts, Abraham (E).....1425 South Shore, Holland
 Long, C. E. (L).....222 Franklin St., Grand Haven

McArthur, Peter.....414 Franklin St., Grand Haven
 Michmerhuizen, R. E. (A).....
 408 Fulton St., Grand Haven
 Moerdyk, William J.....132 E. 12th St., Holland
 Nichols, Rudolph H.....33 W. 8th St., Holland
 Nykamp, RussellZeeland
 Post, J. J.....Allendale
 Rottschaefer, William.....17 W. Tenth St., Holland
 Rypkema, W. M.....228½ Washington St., Grand Haven
 Schaftenaar, R. H.....210 River St., Holland
 Stobbelaar, R. H.....107 S. 2nd St., Grand Haven
 Ten Have, Ralph.....1016 Sheldon, Grand Haven
 Ten Pas, Henry W.....Hamilton
 Timmerman, E. C.....Coopersville
 Van Appledorn, C. J.....99 West 23rd St., Holland
 VanDerBerg, E. E.....17 West Tenth St., Holland
 van der Velde, Otto.....35 W. 8th St., Holland
 VandeWaa, Alfred J.....200 E. Main St., Zeeland
 Van Kolken, P. J.....509 Franklin St., Grand Haven
 VerDuin, J. W.....223 Washington, Grand Haven
 Wells, K. N.....119 W. Savidge St., Spring Lake
 Westrate, Warren K.....17 West Tenth St., Holland
 Westrate, William.....17 West Tenth St., Holland
 Westrate, William, Jr.....17 West Tenth St., Holland
 Winter, John K.....10 E. Tenth Street, Holland
 Winter, W. G., Jr.....10 East Tenth St., Holland
 Yff, J. H.....511 E. Central Ave., Zeeland
 Yonkman, Frederick F.....58 Pomeroy Rd., Madison, N. J.

SAGINAW COUNTY

Ackerman, G. L.....124 S. Jefferson Ave., Saginaw
 Albers, M. J.....218 Ardwas, Saginaw
 Alger, George David.....1839 N. Michigan Ave., Saginaw
 Anderson, William K.....404 S. Warren Ave., Saginaw
 App, R. G.....520 W. Genesee Ave., Saginaw
 Bagley, Ulysses S. (R).....1401½ N. Sixth St., Saginaw
 Bass, V. V.....826 N. Michigan Ave., Saginaw
 Berberovich, Thomas F.....
 2005½ N. Michigan Ave., Saginaw
 Bishop, H. M.....515 S. Jefferson, Saginaw
 Brender, Fred P.....Frankenmuth
 Brock, W. H. (L).....9 Merrill Bldg., Saginaw
 Bruggers, Laurence.....1703 N. Michigan Ave., Saginaw
 Bruton, Martin F.....420 N. Michigan Ave., Saginaw
 Bucklin, Robert V.....1447 N. Harrison, Saginaw
 Bullington, Bert M.....Room 213, Bearinger Bldg., Saginaw
 Busch, F. J.....1731 N. Michigan, Saginaw
 Butler, Milton G.....502 S. Jefferson, Saginaw
 Cady, Frederick J.....402 S. Jefferson Ave., Saginaw
 Cady, F. J., Jr.....402 S. Jefferson St., Saginaw
 Cambridge, V. W.....727 N. Jefferson, Saginaw
 Cameron, A. K.....409 First Savings & Loan Bldg.,
 Saginaw
 Campbell, Lloyd A. (R).....335 Brockway Place, Saginaw
 Catizone, R. J.....14415 Dunbar Place,
 Sherman Oaks, Calif.
 Caumartin, Hugh T.....1537 S. Washington Ave., Saginaw
 Chisena, Peter R.....6227 Dixie Highway, Bridgeport
 Claytor, Archer A.....1000½ N. Third Ave., Saginaw

Comer, Walter H.....120 Alice St., Saginaw
 Cortopassi, Andre J.....324 S. Washington, Saginaw
 Cortopassi, Vital E.....324 S. Washington Ave., Saginaw
 Cory, Charles W.....1227 N. Michigan, Saginaw
 Curtis, James H.....127 S. Washington, Saginaw
 Durman, Donald C.....408 S. Jefferson Ave., Saginaw
 Ely, Cecil W.....1820 Janes St., Saginaw
 Ernst, Arthur R. (R).....443 S. Weadock, Saginaw
 Farley, A. W., Jr.....1803 N. Michigan Ave., Saginaw
 Fleschner, T. E.....7450 W. Birch Run Road, Birch Run
 Friedrich, D. F. (M).....615 W. Tuscola, Frankenmuth
 Gage, David P.....514 First Savings & Loan, Saginaw
 Galsterer, Edwin C.....507-9 First Savings & Loan Bldg.,
 Saginaw
 Gamon, A. E., II.....514 First Savings & Loan, Saginaw
 Gardner, J. H.....815 N. Michigan Ave., Saginaw
 Gerard, Roy T.....1500 Gratiot Ave., Saginaw
 Gomon, Louis D.....308 Eddy Bldg., Saginaw
 Goodsell, J. O.....408 S. Jefferson, Saginaw
 Grigg, Arthur P.....320 N. Michigan Ave., Saginaw
 Hand, Eugene A.....211 Bearinger Bldg., Saginaw
 Harvie, L. C.....405 Wiechmann Bldg., Saginaw
 Heavenrich, Robert M.....529 W. Genesee, Saginaw
 Helmkamp, Herbert O.....333 S. Jefferson, Saginaw
 Hester, Eustace G.....2031 N. Michigan Ave., Saginaw
 Hill, Victor L.....518 Janes St., Saginaw
 Hohn, Fred J. (L).....407 Wiechmann Bldg., Saginaw
 Howell, D. M.....506 Wiechmann Bldg., Saginaw
 Hyslop, W. T.....1469 N. Harrison, Saginaw

Jaenichen, Robert F. T.....530 Hayden, Saginaw
 James, J. W.....1021 W. Genesee, Saginaw
 Jarvi, R. M.....529 W. Genesee Ave., Saginaw
 Jiroch, Ralph S. (L).....202 Wiechmann Bldg., Saginaw
 Johnstone, K. J.....Sag. Mall. Iron Central Fdry.,
 63 Florence Ave., Saginaw
 Jordan, Leo A.....1524 E. Genesee, Saginaw
 Kemp, J. N. (L).....1320 S. Michigan Ave., Saginaw
 Kerr, William B.....300 S. Michigan, Saginaw
 Keyes, J. T.....7450 Main St., Birch Run
 Kickham, Edward F.....309 S. Jefferson Ave., Saginaw
 Kleekamp, Herbert G.....1005 Gratiot Ave., Saginaw
 Kleinschmidt, E. E.....3625 Webber St., Saginaw
 Kolesar, R. C. (M).....1820 Stateville Ave.,
 Charlotte, N. C.
 Kowals, Francis V.....6th and N. Washington, Saginaw
 Kramer, C. G.....3900 Holland Road, Saginaw
 Kretschmer, Thomas V.....308 Wiechmann Bldg., Saginaw
 Kruger, Harold F.....703 W. Genesee St., Saginaw
 Lassignal, J. C.....2125 Bay St., Saginaw
 Ling, Ernest M. (R).....Spring Lake
 Ling, Kenneth C.....Box 135, Hemlock
 Lohr, Oliver W.....537 Millard St., Saginaw
 Lohr, Thomas O.....1135 N. Michigan, Saginaw
 Luger, Frederick E.....303 N. Jefferson, Saginaw
 Lurie, Robert I.....2525 S. Washington, Saginaw
 Lyle, R. C.....3821 State St., Bridgeport
 MacMeekin, James W.....1213 N. Michigan, Saginaw
 Mahaney, T. P.....2031 N. Michigan Ave., Saginaw
 Manning, John E.....815 N. Michigan, Saginaw
 Manning, J. W., III.....515 N. Jefferson, Saginaw
 Markey, Francis L.....808 N. Michigan, Saginaw
 Markey, J. P.....808 N. Michigan, Saginaw
 Martzowka, William P.....415 1/2 W. Genesee, Saginaw
 Matthews, Harry C.....1227 N. Michigan, Saginaw
 Maurer, John A. (R).....20 Hammond Road, Saginaw
 Mayne, Harold E.....305 Graebner Bldg., Saginaw
 McEwen, W. G.....305 Graebner Bldg., Saginaw
 McKinney, Alexander R.....330 S. Washington, Saginaw
 Meyer, Henry J. (E).....301 S. Jefferson, Saginaw
 Miller, G. L.....1803 1/2 N. Michigan, Saginaw
 Moon, A. R.....305 Second National Bldg., Saginaw
 Morgrette, Leonard J.....603 S. Jefferson, Saginaw
 Mudd, R. D.....Med. Dir., Chevrolet Grey Iron Fdy.,
 1629 N. Washington St., Saginaw
 Murphy, Albert P.....303 N. Michigan Ave., Saginaw
 Murray, Charles R.....1827 N. Michigan Ave., Saginaw
 Murray, Morris J.....603 S. Jefferson, Saginaw
 Nelson, Oscar A.....120 N. Michigan, Saginaw
 Northway, R. O.....505 First Savings & Loan, Saginaw
 Novy, Frank O.....420 S. Jefferson, Saginaw

Olson, Carl Porter.....405 First Savings & Loan Bldg.,
 Saginaw
 Ostrander, Frank W. (L).....Freeland
 Phillips, H. A.....419 First Savings & Loan Bldg.,
 Saginaw
 Pickett, W. H. (R).....216 S.W. Second St.,
 Gainesville, Fla.
 Pietz, Frederick.....221 N. Michigan Ave., Saginaw
 Poole, Frank A. (L).....505 Millard St., Apt. 409,
 Saginaw
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 Richter, Harry J.....604 Second National Bank Bldg.,
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 Roggen, Ivan J.....1227 N. Michigan Ave., Saginaw
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 Ryan, M. D. (E).....635 S. Washington Ave., Saginaw
 Ryan, Richard S.....633 S. Washington Ave., Saginaw
 Sample, John T.....606 Rust St., Saginaw
 Sargent, Donald V.....1703 N. Michigan Ave., Saginaw
 Schaiberger, Elmer G.....1520 N. Michigan Ave., Saginaw
 Schneider, A. J. N.....509 S. Jefferson Ave., Saginaw
 Schultz, F. R.....Chesaning
 Sharp, Martin C.....1803 N. Michigan, Saginaw
 Sheldon, S. A.....124 S. Jefferson, Saginaw
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 Slack, W. K.....625 S. Jefferson, Saginaw
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 Stewart, George W.....1902 Janes, Saginaw
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 Thompson, Arthur B.....Chev.-Saginaw Transmission,
 Saginaw
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 Toshach, Clarence E.....330 S. Jefferson Ave., Saginaw
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 Imp. Iranian Gendar APO, New York, N. Y.
 Weidner, Garland.....City Hall, Saginaw
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 Westlund, Norman.....1501 N. Michigan, Saginaw
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 Port Huron
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 Port Huron
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 Beck, Frank K.....901 Lapeer, Port Huron
 Beer, Joseph F.....104 N. Riverside, St. Clair
 Benjamin, Clayton C. (L).....600 Park St., Port Huron
 Biggar, R. J.....Bahrein Petroleum Co., c/o Calif. Tex.
 Oil Co., 380 Madison, New York 17, N. Y.
 Borden, Charles L.....216 Sperry Bldg., Port Huron
 Bottomley, Thomas H., Jr.....1102 Sixth St., Port Huron
 Boughner, W. H.....325 Pleasant St., Algonac
 Bovee, M. E.....2208 Stone St., Port Huron
 Bowden, William S.....137 Water St., Marine City
 Brush, Howard O.....612 Peoples Bank Bldg., Port Huron
 Cantwell, John D.....612 Peoples Bank Bldg., Port Huron
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 Carrie, R. G.....1201 St. Clair River Drive, Algonac
 Cleland, William D., Jr.....208 Sperry Bldg., Port Huron

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 Clyne, B. C.....103 N. Main St., Yale
 Coon, G. G.....902 Tenth Ave., Port Huron
 Cooper, T. H.....911 Lapeer Ave., Port Huron
 Coury, John J., Jr.....301 Michigan Bank Bldg.,
 Port Huron
 Cripps, J. R.....210 South Main St., Yale
 Davison, William T.....312 Sperry Building, Port Huron
 Dinnen, W. J., Jr.....804 Huron Ave., Port Huron
 Douvas, Nicholas (A).....311 Pine St., Port Huron
 Fitzgerald, E. W.....204 Fox Bldg., Port Huron
 Gholz, A. C.....208 Sperry Bldg., Port Huron
 Gilmore, John R.....317 Mich. National Bank Bldg.,
 Port Huron
 Hazledine, Herbert J. (M).....Mayo Clinic
 Rochester, Minn.
 Holcomb, R. J.....141 S. Main St., Marine City
 Hoyt, Charles N.....804 Huron St., Port Huron
 Kahn, Oscar B. (M).....Capac
 Kesi, George M.....316 Sperry Bldg., Port Huron
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 Kirker, F. O.....1601 N. Riverside Drive, St. Clair
 Koch, Donald A.....310 E. Water St., Port Huron

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 McColl, D. J. (E).....312 Sperry Bldg., Port Huron
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 Morris, A. N.....204 Sperry Bldg., Port Huron
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 Port Huron
 Selby, C. D.....1916 Military, Port Huron
 Serniak, J. A.....104 S. Main St., Yale
 Sites, E. C.....Michigan National Bank Bldg.,
 Port Huron
 Tisdell, James H. (M).....310 E. Water St., Port Huron
 Tomsu, G. F.....310 E. Water St., Port Huron
 Townley, Charles O.....312 Sperry Bldg., Port Huron
 Treadgold, Douglas.....1323 Military, Port Haven
 Ulmer, Arthur H., Jr.....303 Sperry Bldg., Port Huron
 VanRhee, George.....323 Peoples Bank Bldg., Port Huron
 Walker, S. C.....312 Sperry Bldg., Port Huron
 Ware, John R.....3107 24th St., Port Huron
 Wass, Henry C.....115 Adams St., St. Clair
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ST. JOSEPH COUNTY

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 Braham, Wilbur G.....105 Lakeview, Sturgis
 Brunson, Allen E.....206 E. West St., Sturgis
 Evans, R. H.....111 S. Monroe, Sturgis
 Fiegel, Samuel A.....111 S. Monroe St., Sturgis
 Fortner, Roscoe J.....137 Portage, Three Rivers
 Gillespie, Eleanor M.....103 S. Fourth St., Sturgis
 Jacobowitz, John M.....49½ N. Main St., Three Rivers
 Lamb, Harry.....110 Pleasant Ave., Sturgis
 Lepard, Olin L.....104 S. Lakeview, Sturgis
 Miller, Charles C.....106 W. Chicago Road, Sturgis
 O'Dell, C. W.....117 Spring St., Three Rivers
 O'Dell, J. H., Jr.....117 Spring St., Three Rivers

Olney, Harold E.....Leonidas
 Pennington, Harry C.....118 S. Kalamazoo, White Pigeon
 Penzotti, S. C.....117 S. Spring St., Three Rivers
 Porter, C. G.....226 East St., Three Rivers
 Shaw, G. D.....117 Spring St., Three Rivers
 Sheldon, John P.....206 E. West St., Sturgis
 Slote, Leal K. (E).....157 S. Washington, Constantine
 Smith, R. D.....Colon
 Springer, R. A. (R).....Centerville
 Storer, W. R.....Co. Health Dept., Centerville
 Tesar, Frank J.....104 W. Market, Centerville
 Weisheit, H. R.....204 E. West St., Sturgis
 Zimont, Raymond D.....100 S. Washington, Constantine

SANILAC COUNTY

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 Browning, Mont.
 Blanchard, Ernest W.....Deckerville
 Ford, Frances A.....Applegate
 Gift, Weldon A.....Marlette
 Hart, Robert K.....Howard St., Crosswell
 Jayson, Michael H.....Marlette

McCrea, John W.....Marlette
 McGunegle, K. T.....Sandusky
 Muir, Neil.....Crosswell
 Seager, M. C.....Brown City
 Tweedie, G. Evans.....Sandusky
 Tweedie, S. Martin.....Sandusky
 Winfield, Raymond J.....Marlette

SHIAWASSEE COUNTY

Arnold, Alfred L., Jr.....812 Bradley St., Owosso
 Austin, Eugene S.....319 E. Exchange, Owosso
 Bach, Norman F.....113 E. Williams St., Owosso
 Brenner, Ervin J.....500 E. Oliver, Owosso
 Brown, Richard C.....113 E. Williams St., Owosso
 Brown, Richard J.....113 E. Williams, Owosso
 Buzzard, Walter D.....Chesaning
 Chipman, E. M.....502 W. Williams, Owosso
 Ford, Wm. A. J. (A).....1130 Paul St., Ann Arbor
 Grommons, J. R.....Durand
 Graves, James H.....511 W. Main St., Owosso
 Gurden, Elizabeth L.....113 E. Williams St., Owosso
 Harkness, Carleton A.....113 E. Williams St., Owosso
 Harroun, John E.....306 Matthews Bldg., Owosso
 Hoshal, Verne L.....Durand

Janci, Julius S.....215 E. Mason St., Owosso
 Lieber, Robert W.....103 E. Clinton St., Durand
 MacGregor, J. F.....113 E. Williams St., Owosso
 McKnight, Edwin R.....320 N. Washington Ave., Owosso
 Merz, Walter L.....224 N. Ball St., Owosso
 Parker, Walter T.....1411 E. Tenth St., Apt. 3,
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 Pochert, R. C.....Matthews Bldg., Owosso
 Richards, Chester J.....Durand
 Sahlmark, Joseph F.....812 Bradley, Owosso
 Sheperd, W. F.....Matthews Bldg., Owosso
 Wachtel, A.....812 Bradley, Owosso
 Weinkauff, William F.....Corunna
 Weston, C. L.....1306 N. Washington, Owosso
 Willoughby, William A. (A).....29711 Winter Drive,
 Garden City

TUSCOLA COUNTY

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 Cook, Raymond R.....Akron
 Dickerson, Willard W.....Caro State Hospital, Caro
 Donahoe, Harold T.....Cass City
 Elmendorf, Edward N.....Vassar
 Flett, Richard O.....Millington
 Gilbert, Donald E.....Mayville
 Gugino, Frank J.....Reese

Howlett, R. R.....624 W. Frank St., Caro
 Kaven, G. H. (L).....Unionville
 Merrill, Elmer H.....South State St., Caro
 Miles, E. J.....Caro
 Nigg, Herbert L.....Caro
 Savage, Lloyd L.....General Delivery, Caro
 Swanson, E. C.....Vassar
 Von Renner, Otto (L).....Vassar

VAN BUREN COUNTY

Boothby, Carl F.....Hartford
 Boothby, F. M.....Lawrence
 Bope, William P. (E).....Decatur
 Buckborough, M. W.....South Haven
 Cooper, Joseph.....Bangor
 Copeland, Evan L.....Decatur
 Diephuis, Bert.....424 Huron St., South Haven
 Dillon, Thomas J.....RFD No. 3, Paw Paw
 Gano, Avison.....Bangor
 Giffen, John R. (E).....Bangor

Itzen, J. F.....330½ Center St., South Haven
 Loomis, F. J.....Paw Paw
 Morgan, D. K.....326 Michigan Ave., South Haven
 Penovar, C. L.....South Haven
 Spalding, R. W.....Gobles
 Staggs, Adelbert L.....Hartford
 Steele, Arthur H.....Paw Paw
 Ten Houten, Charles.....Paw Paw
 Terwilliger, Edwin H.....326 Michigan Ave., South Haven
 Urist, Martin J.....South Haven
 Young, William R.....Lawton

WASHTENAW COUNTY

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 Allen, Arthur W.....814 Church St., Ann Arbor
 Atchison, Russell M.....501 Dunlap, Northville
 Badgley, C. E.....University Hospital, Ann Arbor
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 Barlow, R. C.....St. Joseph Mercy Hospital, Ann Arbor
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 Bassett, Robert C.....University Hospital, Ann Arbor
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 Falls, Harold F.....408 First Nat. Bldg., Ann Arbor
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 Traverse City
 McEachern, Thomas H.1130 Hill St., Ann Arbor
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 McReynolds, W. U. (A)University Hospital,
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 McWilliams, J. R.408 First National Bldg., Ann Arbor
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 Meyers, Muriel C.Simpson Memorial Hospital,
 Ann Arbor
 Mikkelsen, Wm. M. (A)University Hospital,
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 Miller, Harold A.205 S. Davenport St., Saline
 Miller, Norman F.University Hospital, Ann Arbor
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 Morrow, J. W. (A)University Hospital, Ann Arbor
 Muehlig, George F.St. Joseph's Mercy Hospital,
 Ann Arbor
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 Nelson, Roger B.University Hospital, Ann Arbor
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 O'Connor, Sylvester J.University Hospital, Ann Arbor
 O'Dell, F. C., Jr. (A)Univ. Hosp., Ann Arbor
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 Pahucki, Gena R.317 S. State St., Ann Arbor
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 Parnall, C. G.209 First Nat'l Bank, Ann Arbor
 Payne, B. C.202 Michigan Theater Bldg., Ann Arbor
 Perez, Antonio (A)St. Joseph's Mercy Hosp.,
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 Peterson, T. R. (A)St. Joseph's Mercy Hosp.,
 Ann Arbor

Petrohelos, Manousos A.....32 N. Washington, Ypsilanti
 Pitkin, John T.....1316 Forest Court, Ann Arbor
 Pitts, Kenneth E. (A).....Ypsilanti State Hosp., Ypsilanti
 Place, Edwin H.....Detroit Transmission, Ypsilanti
 Pollard, H. Marvin.....University Hospital, Ann Arbor
 Potter, Marcia L.....318 W. Cross St., Ypsilanti
 Prout, G. J.....113 N. Ann Arbor St., Saline
 Purfield, Wm. P.....545 W. Main St., Manchester

Rae, James W.....University Hospital, Ann Arbor
 Rannick, G. A. (A).....2811 Pittsfield Blvd., Ann Arbor
 Ransom, Henry K.....1402 Washington Hts., Ann Arbor
 Raphael, Theophile.....University Health Service
 Ann Arbor
 Rapp, Robert.....2274 Pittsfield Blvd., Ann Arbor
 Ratliff, Rigdon K.....St. Joseph Mercy Hospital
 Ann Arbor
 Reichert, R. E. Jr.,.....3316 Edgewood, Pittsfield Village
 Ann Arbor
 Reisig, R. O. (A).....26760 Bloomfield, Birmingham
 Rekshan, W. R.....Beyer Memorial Hospital, Ypsilanti
 Reynolds, A. G. (A).....917 Edgewood Place, Ann Arbor
 Reynolds, R. M. (A).....690 Barton Drive, Ann Arbor
 Ridings, G. R. (A).....Dept. of Radiology, Vanderbilt Un.,
 Hosp., Nashville 5, Tenn.
 Riecker, H. H.....St. Joseph's Mercy Hospital, Ann Arbor
 Robinson, O. J., Jr.....501 Dunlap, Northville
 Robinson, William D.....University Hosp., Ann Arbor
 Rosenzweig, Norman, Capt. MC (M).....3700th USAF
 Hosp., Box 1559, Lakeland AFB,
 San Antonio, Tex.
 Ross, C. Howard.....715 University Ave., N.
 Ann Arbor
 Ryan, R. W.....158 High Street, Morgantown, W. Va.

Saunders, Allen.....820 Catherine Street, Ann Arbor
 Sayre, George S.....220 Pearl St., Ypsilanti
 Schlacht, G. F.....37064 Goddard Road, Romulus
 Schneider, R. C.....University Hospital, Ann Arbor
 Schoch, H. K.....Chief, Med. Service, VA Hosp.
 Ann Arbor
 Schumacher, William E.....303 First National Bldg.,
 Ann Arbor
 Scovill, Henry A.....1313 W. Cross St., Ypsilanti
 SeEVERS, Maurice H.....Dept. Pharmacology-Med. Sch.
 Ann Arbor
 Segat, Marie Z.....1041 Arlington Blvd., Ann Arbor
 Seltzer, Holbrooke S.....University Hospital, Ann Arbor
 Shaw, J. M. (A).....1041 Medical Arts Bldg.,
 Tacoma 2, Wash.
 Sheldon, John M.....University Hospital, Ann Arbor
 Sheldon, S. A. Jr. (M).....1217 Philadelphia, S.E.
 Grand Rapids
 Shoecraft, Harriet L.....326 Liberty, Ann Arbor
 Shubeck, Frank (A).....807 Bruce St., Ann Arbor
 Skufis, Eleanor P.....3571 Swanson, Wayne
 Slenger, Walworth R.....309 S. State, Ann Arbor

Smith, Eleanor.....202 Michigan State Theater,
 Ann Arbor
 Sparling, Irene L. M.....251 E. Main St., Northville
 Spears, Clarence W.....302 W. Cross St., Ypsilanti
 Spencer, Harvey.....University Health Service,
 Ann Arbor
 Spencer, H. H. (A).....629 Revena Place, Ann Arbor
 Stehouwer, Flora B.....1550 Washington Hts., Ann Arbor
 Struthers, J. N. P.....Box A, Ypsilanti
 Sturgis, Cyrus C.....Simpson Memorial Institute
 Ann Arbor
 Suter, D. E. (A).....University Hospital, Ann Arbor
 Swank, Helen S.....University Health Service, University
 of Michigan, Ann Arbor
 Sweet, Robert B.....University Hospital, Ann Arbor
 Taylor, William B.....St. Joseph's Mercy Hospital,
 Ann Arbor
 Teed, R. W.....215 A. S. Main, Ann Arbor
 Thieme, E. Thurston.....St. Joseph's Mercy Hospital
 Ann Arbor
 Torgerson, Wm. R. (A).....1809 Chandler, Ann Arbor
 Towsley, Harry A.....University Hospital, Ann Arbor
 Tupper, C. J. (A).....2657 Whitewood St., Ann Arbor
 Valder, David C. (A).....University Hospital, Ann Arbor
 Van Duzen, V. L.....Box A, Ypsilanti
 Venrose, R. J.....143 W. Main St., Milan
 von Ahn, Harold (A).....408 Thompson St., Ann Arbor
 Waggoner, Raymond W.....University Hospital, Ann Arbor
 Waldron, Alexander M.....1130 Hill Street, Ann Arbor
 Washburne, Charles L. (L).....St. Joseph's Mercy Hosp.,
 Ann Arbor
 Watson, Ernest H.....280 Barton Drive, N., Ann Arbor
 Weisman, R. L.....1408 Wells St., Ann Arbor
 Westerberg, Martha R.....University Hospital, Ann Arbor
 Westcott, George W.....511 W. Michigan, Ypsilanti
 Westover, Charles J.....982 W. Ann Arbor Trail,
 Plymouth
 Wetterstroem, R. G.....501 W. Dunlap St., Northville
 Whitehouse, Walter M.....University Hospital, Ann Arbor
 Wicht, Paul J.....1385 W. Michigan Ave., Ypsilanti
 Wile, Udo J. (L).....511 First Nat. Bank Bldg., Ann Arbor
 Williams, Howard R.....200 N. Ingalls, Ann Arbor
 Williamson, Frederick B.....319 W. Michigan, Ypsilanti
 Willis, P. W., III (A).....University Hospital, Ann Arbor
 Wilson, James L.....University Hospital, Ann Arbor
 Wisdom, Inez R.....705 N. University, Ann Arbor
 Wolfman, E. F., Jr. (A).....827 Bruce St., Ann Arbor
 Wollum, Arnold (M).....423 Section Street, Norway
 Woods, J. J.....19 N. Washington, Ypsilanti
 Worth, Melissa H. C.....15 N. Adams St., Ypsilanti
 Wright, J. K., Jr. (A).....2274 Parkwood St., Ann Arbor
 Wright, Walter J. (E).....417 W. Cross Street, Ypsilanti
 Wylie, William C. (L).....Dexter
 Wyman, J. S.....University Health Service, Ann Arbor
 Yoder, O. R.....Ypsilanti State Hospital, Ypsilanti
 Zerbi, Victor M.....315 N. Adams St., Ypsilanti
 Zevely, H. A. (A).....University Hospital, Ann Arbor

WAYNE COUNTY

Aben, G. J.....1542 Meadow Lane, Inkster
 Abraham, J. P.....Henry Ford Hospital, Detroit 2
 Abruzzo, Anthony M.....Wayne County Gen. Hospital
 Eloise
 Adamian, Gerald D.....10 Peterboro, Detroit
 Adams, James R.....14741 Michigan Ave., Dearborn
 Adams, V. B.....119 Kercheval, Grosse Pointe
 Adelson, Sidney L.....16221 Schoolcraft, Detroit
 Adler, Sidney.....872 Fisher Building, Detroit
 Agnew, George H.....559 Fisher Bldg., Detroit
 Agnone, Eugene J.....1420 St. Antoine Street, Detroit 26
 Agnone, P. M. (A).....3875 Lakewood, Detroit 15
 Agranoff, Bernard W. (A).....3230 Calvert St., Detroit 6
 Agree, A. A.....2701 Holbrook, Detroit 12
 Aiuto, James J.....660 Cadieux Road, Grosse Pointe 30
 Akroyd, Cecil.....3841 Junction, Detroit
 Alban, Emil.....6586 Allen Road, Allen Park

Albrecht, A. J.....722 Maccabees Bldg., Detroit
 Alderman, R. F.....16880 Gilchrist St., Detroit
 Aldrich, E. Gordon.....14239 Chandler Park Drive,
 Detroit
 Alexander, Allen.....3406 Ewald Circle, Detroit 4
 Alexander, Eugene J.....Henry Ford Hosp., Detroit
 Alford, E. S.....101 Main Street, Belleville
 Allen, John V.....1336 Southfield, Lincoln Park 25
 Alles, Russell W.....968 Fisher Bldg., Detroit
 Allison, Herbert C.....80 Kercheval, Grosse Pointe Farms
 Alper, Louis.....20401 Schaefer Highway, Detroit 35
 Alpern, Elliott B.....2840 W. 7 Mile Road, Detroit
 Alpiner, Sam.....20011 Picadilly, Detroit
 Altman, Raphael.....1052 Maccabees Bldg., Detroit
 Altshuler, Ira M.....512 Fox Theater Bldg., Detroit
 Anderson, Bruce (E).....2579 Silver Lake Road,
 Pontiac 17

Anderson, C. P.....334 Bates, Detroit 19
 Anderson, James O.....633 David Whitney Bldg.,
 Detroit
 Anderson, Walter L.....5902 Jos. Campau, Detroit
 Anderson, Walter T.....923 David Whitney Bldg.,
 Detroit
 Andonian, Sonia.....960 S. Main St., Plymouth
 Andries, George H.....951 Fisher Bldg., Detroit 2
 Andries, Raymond C (L).....964 Lakepointe,
 Grosse Pointe 30
 Ankley, J. W. (R).....646 Lakepointe, Detroit 30
 Annessa, D. M.....3536 Burns, Detroit
 Anslow, Robert E.....10 Peterboro St., Detroit 1
 Appelman, Howard B.....1014 David Broderick Tower
 Detroit
 Archambault, Henry A. (A).....1076 Maccabees Bldg.,
 Archambault, R. F.....35550 Michigan Ave., Wayne
 Archart, Burke W.....17600 Harper Ave., Detroit
 Arena, Joseph Jr., 22932 Woodward Ave., Detroit 20
 Arent, J. G.....12600½ Grand River Ave., Detroit
 Arminski, Thomas C.....1066 Fisher Building, Detroit
 Armstrong, Arthur G.....530 Fisher Building, Detroit
 Armstrong, M. J.....15125 Grand River, Detroit
 Arnold, Effie E.....16520 Oakfield, Detroit
 Aronstam, Noah E. (E).....654 Maccabees Bldg., Detroit
 Arrington, Robyn J.....7811 Oakland, Detroit
 Ascher, Meyer S.....942 Maccabees Bldg., Detroit
 Ashe, Robert M.....6838 Park Ave., Allen Park
 Ashe, Stilson R.....8031 W. Vernor Hwy., Detroit
 Ashley, L. Byron.....113 Martin Place, Detroit
 Ashton, F. B. (L).....18 Winona Avenue, Highland Park 3
 Asselin, D. R.....1208 David Whitney Bldg., Detroit
 Asselin, Regis F.....11417 Whittier, Detroit
 Athay, R. M.....630 Merrick Street, Detroit 2
 Atler, Lawrence R.....681 W. Forest, Detroit
 Auble, Max E.....2501 W. Grand Blvd., Detroit 8
 August, Harry E.....1242 Maccabees Bldg., Detroit 2
 Auld, Douglas D.....275 W. Grand Blvd., Detroit 16
 Avrin, Ira.....10821 Puritan, Detroit
 Axelrod, A. R. (M).....24230 Seneca, Oak Park 37
 Axelrod, Mildred A.....13725 Eight Mile Road, Detroit 35
 Axelrod, Robert G.....13725 Eight Mile Road, Detroit 35
 Axelson, A. U.....7310 Grand River Ave., Detroit 4
 Babcock, Lloyd K.....16420 Schoolcraft, Detroit
 Babcock, Myra E.....7 Poular Park, Pleasant Ridge
 Babcock, Warren W.....868 Fisher Building, Detroit
 Bach, Walter F.....5419 Livernois, Detroit 10
 Bachman, Morris E.....569 Fisher Bldg., Detroit 2
 Bacon, Vinton A.....4819 W. Fort St., Detroit 9
 Bader, Benjamin H.....5210 Third Ave., Detroit 2
 Baeff, Michael A. (R).....15435 Stahlein, Detroit 23
 Baer, George J.....707 David Whitney Bldg., Detroit 26
 Baer, Raymond B.....7815 E. Jefferson, Detroit 14
 Bagley, Harry E.....7541 Oakman Blvd., Dearborn
 Bahra, R. J.....24621 Gardner, Oak Park
 Bailey, Don A. (R).....3300 Woodstock Drive, Detroit 21
 Bailey, L. J.....620 Vinewood Ave., Birmingham
 Baima, Margaret A.....630 Maccabees Bldg., Detroit 2
 Baker, Clarence (L).....Palmetto Trailer Park,
 Palmetto, Fla.
 Baker, F. E.....8005 Dexter Blvd., Detroit 6
 Baker, Howard A. (M).....(No Address)
 Bakst, Joseph A.....10 W. Warren, Detroit 1
 Balaga, Frank T.....9701 Jos. Campau, Detroit 12
 Balberor, Harry.....275 W. Grand Blvd., Detroit 16
 Balcerski, Matthew A.....10 Peterboro, Detroit 1
 Ballard, C. S. (R).....370 Chalmers Ave., Detroit
 Ballard, Donald R. (M).....6142 Chenango Place
 San Diego 14, Calif.
 Balofsky, Samuel.....Detroit Receiving Hosp., Detroit
 Balser, Charles W.....13931 Gratiot, Detroit 5
 Baltz, James I.....Henry Ford Hospital, Detroit 2
 Barak, Lewis R.....7448 W. 7 Mile Road, Detroit 21
 Baran, A. W.....15841 W. Warren, Detroit
 Barbaglia, L. C.....16378 Harper, Detroit
 Barber, Radivoj.....504 S. Main St., Plymouth
 Barefield, A. S.....19974 Wisconsin, Detroit 21

Barenholtz, Benjamin.....674 Maccabees Bldg., Detroit
 Barker, David H.....7220 Gratiot Ave., Detroit 13
 Barland, Oscar L.....8703 Oakland, Detroit 11
 Barnes, Donald J.....564 Fisher Bldg., Detroit 2
 Barnes, Van D.....Veterans Hospital, Dearborn
 Barnett, Edwin Dwight.....Columbia University
 600 W. 168th Street, New York 32, New York
 Barnett, L. L.....1806 David Broderick Tower,
 Detroit 26
 Barnett, Morton.....1527 David Stott Bldg., Detroit 26
 Barnett, Saul E.....744-6 Lathrop, Detroit 1
 Barone, C. G.....15231 W. Seven Mile Road, Detroit 35
 Barrett, C. D.....1151 Taylor Avenue, Detroit 2
 Barrett, J. L.....20961 Mack Ave., Detroit
 Barrett, Raymond J.....18280 Fairfield, Detroit 21
 Barrett, Wyman D.....311 David Whitney Bldg.,
 Detroit 26
 Barron, James.....Henry Ford Hospital, Detroit
 Barron, William H.....14938 Livernois, Detroit
 Barry, J. W.....2900 S. Fort St., Detroit 17
 Barton, D. D.....Henry Ford Hospital, Detroit 2
 Barton, Joseph R.....7503 W. Warren, Detroit 10
 Bassett, Louis H.....8100 E. Jefferson, Detroit
 Batchelor, M. T.....18060 Conant Street, Detroit
 Bates, G. S.....861 Monroe Blvd., Dearborn
 Battle, J. M.....10151 Michigan Ave., Dearborn
 Bauer, A. Robert.....19268 Grand River, Detroit 23
 Bauer, Benedict J.....7615 Dexter Blvd., Detroit 6
 Bauer, Lester Eugene.....859 Fisher Bldg., Detroit
 Baugh, R. H.....24216 Michigan Ave., Dearborn
 Baumer, Moe.....701 Kales Building, Detroit
 Baumgarten, Elden C.....8045 E. Jefferson, Detroit
 Baumgarten, T. W.....8045 E. Jefferson, Detroit 14
 Bayles, John.....3416 Michigan, Detroit 16
 Beach, Watson.....20825 Mac Avenue
 Grosse Pointe Woods 36
 Beam, A. Duane.....85 Kercheval, Detroit 30
 Beamer, George D.....13810 Michigan Ave., Dearborn
 Beattie, Robert (L).....1229 David Whitney Bldg., Detroit
 Beavers, R. M.....2043 McDougall, Detroit
 Beck, S. M. Jr.....2514 Biddle, Wyandotte
 Becker, Abraham.....1414 David Broderick Tower,
 Detroit 26
 Becker, Joseph W.....513 David Whitney Building
 Detroit 26
 Becklein, Clarence L.....14351 E. Warren Ave., Detroit 13
 Beckwith, Carl C. (M).....2241 Eucalyptus Ave.,
 Long Beach 6, Calif.
 Bedell, Archie A.....15545 Mack Ave., Detroit
 Bedwell, William.....752 Book Bldg., Detroit 26
 Beebe, Willard E.....13365 Michigan Ave., Dearborn
 Beecher, A. J.....20390 Harper, Detroit
 Beuwkes, L. E.....12922 W. Warren, Dearborn
 Behan, R. C.....2167 Guardian Bldg., Detroit 26
 Behn, Claud W.....1546 David Whitney Bldg., Detroit
 Beigler, Sydney K.....513 David Whitney Bldg., Detroit
 Beitman, Max R.....510 Kales Bldg., Detroit 26
 Belanger, E. E.....10593 W. Jefferson, River Rouge
 Belanger, W. G.....522 Fisher Building, Detroit 2
 Belden, D. F.....13339 Woodrow Wilson, Detroit 38
 Belisle, John A.....Wayne County Hospital, Eloise
 Bell, J. Kenner.....1654 First National Bank Bldg.,
 Detroit 26
 Benjamin, William O.....1037 Green Avenue, Detroit 9
 Bennett, Germany E.....5144 Hastings, Detroit 11
 Bennett, Harry B.....942 Maccabees Bldg., Detroit 2
 Bennett, Sanford A.....17904 John R. Street, Detroit 3
 Bennett, Stanley.....2900 S. Fort St., Detroit 17
 Bennett, Wm. E.....12897 Woodward, Detroit
 Bennett, Zina B.....Michigan Mutual Liability Co.,
 28 W. Adams Ave., Detroit 26
 Benson, Clifford D.....1515 David Whitney Bldg., Detroit
 Benson, Davis A.....3706 Sturtevant, Detroit 6
 Benson, P. J.....2300 S. Ford Street, Detroit
 Benson, Virginia M.....16238 Snowden Ave., Detroit 27
 Bentley, Frederick E.....851 S. Main St., Plymouth
 Berge, Clarence A.....14309 E. Jefferson, Detroit 15
 Berger, E. L.....7301 Schaefer, Dearborn

Bergman, Murray Stewart.....4400 Livernois, Detroit 10
 Bergman, Theodore I.....16455 Woodward, Detroit 3
 Bergo, Howard L.....19351 Meadowbrook, Northville
 Berk, J. E.....Sinai Hospital, Detroit
 Berke, Sydney S.....3333 E. Jefferson, Detroit
 Berkey, William E. (R).....915 Andres, Coral Gables, Fla.
 Berkman, Ruth.....2206 David Broderick Tower,
 Detroit 26
 Berlien, Ivan C.....1753 Guardian Bldg., Detroit 26
 Berlin, Allen.....19467 Livernois, Detroit 21
 Berman, Lawrence.....1516 St. Antoine St., Detroit 26
 Berman, Robert.....509 Francis Palms Bldg., Detroit 1
 Berman, Sidney.....1326 E. Seven Mile Rd., Detroit 3
 Berman, Sidney L.....60 W. Hancock, Detroit 1
 Bernard, Walter G.....13002 E. Jefferson Ave., Detroit 15
 Bernbaum, Bernard.....17320 Livernois, Detroit
 Bernstein, Albert E. (L).....2400 Boston Blvd., Detroit 6
 Bernstein, Samuel S.....18200 Wyoming, Detroit
 Berry, Jos. E.....18268 Grand River, Detroit 23
 Besancon, J. H.....1510 Broderick Tower, Detroit
 Best, T. H. Edward.....9221 E. Jefferson, Detroit
 Bethea, J. Hardee.....612 Kales Bldg., Detroit 26
 Bialik, M. H.....13810 Michigan, Dearborn
 Bicknell, Edgar A.....13641 Wyoming, Detroit 21
 Bicknell, Frank B.....938 David Whitney Bldg.,
 Detroit
 Bielawski, J. G.....1042 Maccabees Bldg., Detroit 2
 Bigman, Oscar.....Herman Kiefer Hospital, Detroit 2
 Billingslea, Thomas H.....2175 E. Willis, Detroit
 Birch, John R.....1010 Maccabees Bldg., Detroit 2
 Bird, H. Waldo Jr.....1865 Guardian Building, Detroit
 Birkelo, Carl C.....Herman Kiefer Hospital
 Taylor & Hamilton, Detroit 2
 Birkham, F. F.....7301 Schaefer, Dearborn
 Birkhill, F. R.....19510 Roslyn Road, Detroit 21
 Birndorf, Leonard.....18004 John R., Detroit
 Bittker, Isadore Irving.....616 Professional Bldg.,
 Detroit 1
 Bittrich, Norbert M.....Providence Hospital,
 2500 W. Gd. Blvd., Detroit 8
 Black, David.....2199 Cadillac Blvd., Detroit 14
 Black, Perry S.....19431 Van Dyke, Detroit 12
 Blain, Alexander W.....2201 E. Jefferson St., Detroit 7
 Blain, Alexander W., III.....2201 E. Jefferson,
 Detroit
 Blain, James H., Jr.....119 Kercheval, Grosse Pointe
 Blaine, Max.....654 Maccabees Bldg., Detroit
 Blair, W. F.....81 E. Kirby, Detroit 1
 Bledsoe, O. L.....1810 Seward, Detroit
 Bleier, Alfred.....13015 E. Warren Ave., Detroit 13
 Bleier, Joseph.....7504 Dexter Blvd., Detroit 6
 Bloch, Abraham.....2935 E. Milwaukee, Detroit 11
 Block, D. L.....Med. Dept., 3000 Schaefer Rd., Dearborn
 Block, M. A.....Henry Ford Hospital, Detroit 2
 Blodgett, James B.....606 Kales Bldg., Detroit 26
 Blodgett, William E. (L).....602 Kales Bldg., Detroit 26
 Blodgett, William H.....603 Kales Bldg., Detroit
 Bloom, Albert.....6484 Chene Street, Detroit 11
 Bloom, Arthur R.....1058 Maccabees Bldg., Detroit 12
 Blumenthal, Franz L.....466 Fisher Bldg., Detroit 2
 Blumer, Abraham.....10720 W. Seven Mile Road
 Detroit 21
 Boccaccio, John L.....16383 Harper, Detroit 13
 Boccia, J. J.....15761 E. Warren, Detroit
 Boddie, Arthur W.....2737 Chene, Detroit 7
 Bogucki, Chester.....6565 E. Eight Mile, Detroit
 Bogue, Robert E.....15819 Wyoming St., Detroit 21
 Bogusz, Ladislaus.....8039 Lantz E., Detroit 34
 Bohn, Z. Stephen.....327 Professional Bldg., Detroit
 Bohne, A. W.....Henry Ford Hospital, Detroit
 Boileau, Thornton I.....7700 Russell, Detroit 11
 Boland, J. R. (R).....2229 East Jefferson, Detroit
 Bolstad, Donald S.....Henry Ford Hospital, Detroit 2
 Bolton, Russell P., Jr.....19566 Grand River, Detroit
 Bookstein, Abraham M.....1475 Colton, Detroit 3
 Boone, Rachel H. C.....18060 Conant, Detroit 34
 Borchak, Robert.....8033 Sprague, Detroit
 Borin, Maurice C.....4274 N. Woodward, Royal Oak

Bornstein, Sidney.....2033 Puritan, Detroit 3
 Bott, Edmund T.....3152 Biddle St., Wyandotte
 Botvinick, Isadore.....13701 W. 7 Mile Road, Detroit 21
 Bousquet, F. P.....Henry Ford Hospital, Detroit
 Boutrous, T. A.....15801 W. McNichols Road, Detroit 25
 Boutwell, W. S.....26151 Huron River Drive, Flat Rock
 Bovill, E. G.....17555 James Couzens Hwy., Detroit 35
 Bower, Donald W.....1336 Southfield, Lincoln Park
 Bower, F. T.....70 Kinsington, Pleasant Ridge
 Bowers, Leo J.....11200 E. McNichols Road, Detroit 34
 Boyd, John H.....2615 W. Jefferson, Trenton
 Boyle, Albert J.....20825 Mack Avenue, Detroit 30
 Bracken, Andrew H.....13102 W. Warren Ave., Dearborn
 Braden, Robert G.....2853 Biddle Ave., Wyandotte
 Bradfield, Horace F.....510 E. Warren, Detroit
 Bradley, George T.....1201 David Whitney Blvd.,
 Detroit 26
 Bradshaw, William H.....4715 St. Antoine, Detroit 1
 Brady, Herbert A.....208 Reno Bldg., River Rouge 18
 Braley, William N.....12897 Woodward Ave., Detroit 3
 Bramigk, F. W.....509-11 Professional Bldg., Detroit 1
 Brand, Benjamin.....4500 Wabash Ave., Detroit 8
 Braun, Lionel.....516 Fox Theatre Bldg., Detroit 1
 Braverman, Morris M.....1222 Maccabees Bldg., Detroit 2
 Brekke, Viola G.....2763 W. Eight Mile Road,
 Detroit
 Bremer, J. P.....17818 E. Warren, Detroit
 Bremer, William M.....15641 E. Warren, Detroit 24
 Brengle, Deane R. (R).....
 1229 Washington, Wellington, Kan.
 Brennan, M. J.....1176 Grayton, Grosse Pointe Park
 Brent, Morris S.....1330 Strathcona, Detroit 3
 Brey, Norman W.....1202 Maccabees Bldg., Detroit 2
 Briegel, W. A. (R).....1519 S. E. Fourteenth St.,
 Ft. Lauderdale, Fla.
 Briggs, William J.....1202 Maccabees Bldg., Detroit 2
 Brines, O. A.....1512 St. Antoine, Detroit
 Bringard, Elmer L.....16901 James Couzens, Detroit 35
 Brisson, Joseph C.....9191 Whittier, Detroit 24
 Bristol, William R.....6142 Bishop Road, Detroit
 Broadman, Sylvan A.....16401 Grand River, Detroit 27
 Broderson, H. S.....10720 W. Jefferson, River Rouge
 Bromme, William.....10 Peterboro, Detroit 1
 Bronson, W. W.....22128 Grand River, Detroit 19
 Brooks, Charles W.....2033 E. Division Ave., Detroit
 Brooks, Clark D. (L).....113 Martin Place, Detroit 1
 Brooks, Eugene M.....3130 Guardian Bldg., Detroit
 Brooks, Nathan.....1001 Kales Building, Detroit
 Brosius, C. O.....41001 Seven Mile Road, Northville
 Brosius, William L.....Harper Hospital, Detroit
 Brough, Glen A.....1402 David Whitney Bldg., Detroit
 Brown, A. G.....12065 Wyoming, Detroit
 Brown, Audrey O.....742 Maccabees Bldg., Detroit
 Brown, Carlton F.....1229 David Whitney Bldg.,
 Detroit 26
 Brown, Charles H.....3152 Biddle Avenue, Wyandotte
 Brown E. M.....Sinai Hospital, Detroit
 Brown, Frances.....1940 Lincolnshire, Detroit
 Brown, Gordon T.....1300 Hayes Avenue, Detroit 5
 Brown, Harvey F.....3714 W. McNichols Road, Detroit 21
 Brown, Henry S.....18101 James Couzens Highway,
 Detroit 2
 Brown, John R.....702 Maccabees Bldg., Detroit 2
 Brown, Robert A.....3529 Jefferson, Ecorse
 Brown, Samuel M.....16500 Wyoming Ave., Detroit 21
 Brown, Stanley H.....8544 W. McNichols Road
 Detroit 21
 Brown, Thomas A.....5430 W. Warren, Detroit
 Brownell, Paul G.....18916 Woodward Ave., Detroit 3
 Bruder, R. C.....10149 Michigan Ave., Dearborn
 Bruehl, Richard A.....471 Fisher Building, Detroit
 Bruer, E. L.....12170 Fort Street, Wyandotte
 Bruer, E. S.....12170 Fort Street, Wyandotte
 Brunke, Bruno B.....7765 Mack Avenue, Detroit 14
 Brush, Brock Edwin, 2799 W. Grand Blvd., Detroit
 Bryan, Donald I.....704 Medical Arts Building
 13700 Woodward Avenue, Highland Park
 Bryan, J. B.....Henry Ford Hospital, Detroit 2

Bryce, John D.....5400 Trumbull, Detroit 8
 Buchanan, William Paul.....11751 Grand River Ave.,
 Detroit, 4
 Budd, R. D.....Northville State Hosp., Northville
 Budson, Daniel.....10300 W. 7 Mile Road, Detroit 21
 Buell, John H.....901 David Whitney Building,
 Detroit 26
 Buerki, Robin C.....Henry Ford Hospital, Detroit
 Buller, H. L.....4120 Fenkell Ave., Detroit 21
 Bunch, D. C., Jr.....Henry Ford Hospital, Detroit 2
 Burnstine, Perry P.....434 W. Palmer, Detroit 2
 Burke, Ralph M.....742 Maccabees Building, Detroit 2
 Burnham, David C.....13700 Woodward Avenue,
 Highland Park
 Burns, Robert T.....16101 Harper Ave., Detroit 24
 Burnside, Howard B.....7220 Gratiot, Detroit 13
 Burnstine, Julius Y.....45 Owen Avenue, Detroit
 Burnstine, Perry P.....434 W. Palmer, Detroit 2
 Burr, George C.....1706 David Whitney Bldg., Detroit 26
 Burr, H. Leonard.....168 Fisher Road, Grosse Pointe
 Burroughs, R. G.....1449 David Whitney Bldg., Detroit
 Burrows, Howard A.....10423 W. Warren, Dearborn
 Burstein, Harry S.....2950 W. Grand Blvd., Detroit 2
 Burstein, I. Marvin.....2950 W. Grand Blvd., Detroit 2
 Burstein, Morris M.....2950 W. Grand Blvd., Detroit 2
 Burton, D. T.....54 Arden Park, Detroit
 Burton, Irving F.....14624 East 7 Mile Road, Detroit
 Bush, Glendon J.....7704 Dexter Blvd., Detroit 6
 Bush, L. M.....18950 Woodward Ave., Detroit
 Buss, W. C.....Henry Ford Hospital, Detroit 2
 Butler, Harry J. (L).....33 Waverly, Highland Park
 Butler, John D.....1308 Broadway, Detroit 26
 Butler, H. R.....3529 W. Jefferson, Encorse
 Butler, J. Payne.....3403 W. Warren, Detroit 8
 Butler, Lawrence H.....14521 E. Seven Mile Road,
 Detroit
 Butler, Volney N.....28 W. Adams, Detroit 26
 Buttrum, Edward J.....14755 Fenkell, Detroit 27
 Byers, Dudley W.....8934 Oakland Ave., Detroit
 Cadieux, Henry W. (L).....
 103 E. Grand Blvd., Detroit 7
 Cadwell, Howard.....Wayne County Health Dept., Eloise
 Cahalan, Joseph L.....214 David Whitney Bldg.,
 Detroit 26
 Cain, Waldo L.....8033 Twelfth Street, Detroit 6
 Caldwell, George L.....12017 Jos. Campau, Detroit 2
 Caldwell, J. R.....2799 W. Grand Blvd., Detroit 2
 Cale, Edward E., Jr.....2799 W. Grand Blvd., Detroit 2
 Calkins, H. N.....15302 Gilchrist, Detroit
 Callaghan, Thomas T.....312 Professional Bldg., Detroit
 Cameron, A. H.....2853 Biddle, Wyandotte
 Cameron, D. A.....2255 Fort Street, Lincoln Park
 Campbell, Charles A.....12922 West Warren, Dearborn
 Campbell, Duncan.....9203 Grand River, Detroit 4
 Campbell, Duncan A. (E).....1613 David Whitney Bldg.,
 Detroit 26
 Campbell, Kenneth N.....2229 E. Jefferson, Detroit
 Campbell, M. D.....10 Peterboro, Detroit
 Campbell Mary B.....660 Seward Street, Detroit 2
 Campbell, R. E.....8445 E. Jefferson, Detroit
 Campbell, Thelma W.....22375 Garrison, Dearborn
 Candler, C. L.....20040 Mack Avenue,
 Grosse Pointe Woods 30
 Canter, Allie L.....13700 Woodward Ave., Detroit 5
 Canter G. E.....13732 Woodward Ave., Detroit 3
 Cantor, H. C.....668 Maccabees Bldg., Detroit
 Cantor, Meyer O.....666 Maccabees Bldg., Detroit 2
 Cantow, L. A.....1123 David Whitney Bldg., Detroit 26
 Capano Oreste A.....16234 Cruse, Detroit 27
 Capellari, Elmer.....310 E. Jefferson, Detroit 26
 Caputo, Joseph N.....22575 Nona Avenue, Dearborn
 Caputo, Nancy.....18145 Mack, Detroit
 Capuzzi, Eugene T.....19214 Votrobeck Drive, Detroit 19
 Caraway, Jas. E.....35804 John R. Street, Wayne
 Carbone, Louis A.....9317 Gratiot, Detroit 13
 Carey, Cornelius (L).....9667 Gratiot Ave., Detroit 13
 Carlisle, J. C.....2900 S. Fort Street, Detroit 17
 Carlson, Harold W.....18070 Wildemere, Detroit 21

Carmichael, Edward K.....7815 E. Jefferson, Detroit 14
 Carnes, H. E.....Parke, Davis & Co., Detroit 32
 Carp, Joseph.....8839 Mt. Elliott, Detroit 11
 Carpenter, Claire H.....18700 Meyer Road, Detroit 21
 Carpenter, C. J.....3835 Biddle Street, Wayne
 Carpenter, Glenn B.....1416 David Whitney Building,
 Detroit 26
 Carpenter, William S.....1317 David Whitney Building,
 Detroit 26
 Carr, J. G.....14111 Korte, Detroit
 Carrick, Lee.....1515 Kales Bldg., Detroit 26
 Carroll, Elmer H.....9920 Stoepel Avenue, Detroit 4
 Carroll, Lona B.....1066 Maccabees Bldg., Detroit 2
 Carson, Herman J.....7745 Puritan, Detroit 21
 Carstens, Henry R.....3706 Manor Road
 Chevy Chase 15, Md.
 Carter, John M.....613 David Whitney Bldg., Detroit 26
 Carter, L. F.....613 David Whitney Bldg., Detroit 26
 Casey, Byron L., Jr.....1865 Guardian Bldg., Detroit
 Cassidy, William J.....1737 David Whitney Bldg.,
 Detroit 26
 Castle, M. E. (M).....761 Fisher Building, Detroit 2
 Castrop, Charles W.....10149 Michigan Ave., Dearborn
 Catherwood, Albert E.....1337 David Whitney Bldg.,
 Detroit 26
 Caton, Dorothy F. (A).....17144 Oak Drive, Detroit 21
 Caughey, A. F., Jr.....16889 James Couzens, Detroit 35
 Caughey, Edgar H.....11301 Whittier, Detroit 24
 Caumartin, F. E.....17184 Wildemere, Detroit 21
 Cellar, Frank A.....944 Maccabees Bldg., Detroit
 Ceravolo, Albert J.....Bon Secours Hosp.,
 Grosse Pointe 30
 Ceresko, A. R.....18650 W. Warren Ave., Detroit 10
 Cetlinski, Constantine A.....11838 Joseph Campau
 Detroit 12
 Cetnar, E. J. (M).....10492 Merlin, Detroit 24
 Chabut, V. George.....206 W. Dunlap, Northville
 Chalat, N. I.....212 David Whitney Bldg., Detroit 26
 Chalk, Carl C.....9317 Gratiot Ave., Detroit 13
 Chall, Henry G.....2941 W. McNichols, Detroit 21
 Chapin, Sidney E.....10149 Michigan Ave., Dearborn
 Chapman, Aaron L.....2550 Atkinson, Detroit 6
 Chapman, Paul T.....1151 Taylor Ave., Detroit 2
 Chapman, R. H.....7600 John Rd., Detroit
 Chapnick, H. A.....506 Kales Bldg., Detroit
 Charleston, R. A.....15174 Lasher Road, Detroit 23
 Charnas, Sidney.....542 Maccabees Bldg., Detroit 2
 Chase, Clyde H.....1002 David Whitney Bldg., Detroit 26
 Chase, W. E.....2799 W. Grand Blvd., Detroit 2
 Chason, Jacob L.....1512 St. Antoine, Detroit 26
 Check, Frank E.....3439 Iroquois, Detroit 14
 Chen, Mey-en.....1420 St. Antoine, Detroit
 Cheng, James T.....1800 Tuxedo, Detroit 26
 Cherney, P. J.....912 Kales Bldg., Detroit 26
 Cherup, Nicholas.....22728 Rvan Rd., Van Dyke
 Chesluk, Herman M.....1312 David Broderick Tower,
 Detroit
 Chester, William P.....5057 Woodward, Detroit 2
 Childs, G. M.....2842 W. Grand Blvd., Detroit
 Chipman, Willard A.....14300 W. McNichols Road,
 Detroit 35
 Chittenden, George E.....7815 E. Jefferson Avenue,
 Detroit 14
 Chostner, G. C. (R).....2237 S. Atlantic,
 Daytona Beach, Fla.
 Christopher, James G.....Holy Cross Hospital. 4777
 East Outer Drive, Detroit
 Chrouch, Laurence A.....18456 Grand River, Detroit 23
 Church, A. S.....19570 Bretton Dr., Detroit 23
 Cioffari, M. S.....19363 James Couzens Highway
 Detroit
 Ciprian, Joseph E.....1775 E. Grand Blvd., Detroit
 Clapper, Muir.....1512 St. Antoine, Detroit
 Clark, Arthur M.....22400 Cherryhill, Dearborn
 Clark, Charles J.....Ford Motor Co., Dearborn
 Clark, Clarence M.....2605 Holbrook, Detroit 12
 Clark, Harold E.....17198 Oak Drive, Detroit 21
 Clark, Harry G.....14600 Greenfield, Detroit 27

Clark, William P.....1682 S. Fort St., Lincoln Park
 Clarke, Charles N.....2501 W. Grand Blvd., Detroit
 Clarke, Norman E.....2501 W. Grand Blvd., Detroit 8
 Clarke, Robert B.....1112 Kales Bldg., Detroit
 Clifford, C. H.....10 Peterboro, Detroit 1
 Clifford, John Edward.....
 910 David Broderick Tower, Detroit 26
 Clifford, R. H.....2799 W. Grand Blvd., Detroit
 Clifford, Thomas P.....
 1802 David Whitney Bldg., Detroit 26
 Clippert, J. C. (E).....Dearborn Inn, Dearborn
 Coan, Glenn L.....2336 Van Alstyne Blvd. Wyandotte
 Coates, E. O.....2799 W. Grand Blvd., Detroit 2
 Cobane, John H.....10 Peterboro, Detroit 1
 Cochran, John.....2799 W. Grand Blvd., Detroit 2
 Cochrane, Edgar G.....12805 Hamilton, Detroit 3
 Cohen, H. Herbert.....12700 W. 7 Mile Rd., Detroit 21
 Cohen, Lewis.....7441 W. Seven Mile, Detroit
 Cohen, M. F.....20242 Braile, Detroit 19
 Cohn, Daniel E.....409 Fox Bldg., Detroit 1
 Cohoe, Don A.....18916 Woodward, Detroit 3
 Cole, F. H.....1757 David Whitney Bldg., Detroit 26
 Cole, James E.....344 Glendale, Detroit 4
 Cole, Wyman C. C.....1077 Fisher Bldg., Detroit 2
 Cole, Wyman C. C., Jr.....3001 W. Grand Blvd., Detroit
 Coleman, Margarete W.....58 W. Adams Ave., Detroit, 26
 Coleman, P. F.....30935 Plymouth Rd., Livonia
 Coleman, William G.....20526 Grand River, Redford 19
 Collings, M. R.....9201 W. Outer Dr., Detroit 19
 Collins, James E.....12845 Broadstreet, Detroit 4
 Colvin, Leslie T.....474 Fisher Bldg., Detroit 2
 Colyer, Raymond G.....56 Rhode Island, Detroit 3
 Comfort, M. D.....28754 Seneca, Flat Rock
 Comstock, Lawrence A.....P.O. Drawer L, Trenton
 Condon, S. E. (M).....3157 E. Seven Mile Rd., Detroit 34
 Conklin, Emma J.....Wayne County General Hosp., Eloise
 Conley, L. C. M.....99 Tuxedo, Detroit 3
 Connelly, Richard C.....
 1645 David Whitney Bldg., Detroit 26
 Connolly, Frank O.....5149 Joy Rd., Detroit 4
 Connolly, John P.....5149 Joy Rd., Detroit 4
 Connolly, P. J.....1317 David Whitney Bldg., Detroit 26
 Connors, J. J.....3546 Trumbull, Detroit
 Cook, James A.....2730 21st St., Wyandotte
 Cook, James C.....5 Fairmount Ct., Dearborn
 Cooksey, Warren B.....62 W. Kirby, Detroit
 Cooper, Edmond L.....414 David Whitney Bldg., Detroit
 Cooper, James B.....18145 Mack Ave., Detroit 24
 Cooper, Ralph Ruehl.....
 1515 David Whitney Bldg., Detroit 26
 Corbeille, Catherine.....1050 Fisher Bldg., Detroit
 Cosgelia, Robert P.....9901 Whittier Ave. Detroit 24
 Costello, Russell T.....630 Fisher Bldg., Detroit 2
 Cotant, John F.....8935 Fenkell, Detroit 21
 Cotruro, Louis D.....3640 McDougall, Detroit 7
 Cotton, Schuyler O.....2332 Carson Ave., Detroit 9
 Coulter, William J.....5258 Chatsworth, Detroit 24
 Courville, Charles J.....1202 Maccabees Bldg., Detroit 6
 Cowan, Wilfrid.....6135 Chalmers, Detroit 13
 Cowen, Leon B.....1038 Maccabees Bldg., Detroit 2
 Cowen, Robert L.....907 Mutual Bldg., Detroit 26
 Coyle, J. E.....573 Fisher Bldg., Detroit
 Coyne, Douglas Ruthven.....7376 Grand River, Detroit 4
 Crews, Thomas H.....772 Fisher Bldg., Detroit 2
 Crockett Emily E.....7263 American Ave., Detroit 10
 Croll, Leo J.....1326 Maccabees Bldg. Detroit 2
 Croll, Maurice M.....1326 Maccabees Bldg., Detroit 2
 Crook, Charles L.....13700 Woodward, Detroit 3
 Cross, Harold E.....
 499 Sunningdale, Grosse Pointe Woods 30
 Crossen, Robert J.....902 David Whitney Bldg., Detroit 26
 Crushore, James E.....573 Fisher Blvd., Detroit 2
 Cruikshank, Alexander (E).....228 E. Grand Blvd.,
 Detroit 7
 Curhan, J. H.....18709 Meyer Rd., Detroit 21
 Curtis, Frank E.....10 Peterboro, Detroit 1
 Curtiss, William P.....3181 E. Jefferson, Detroit 9
 Cushing, Russell G.....13424 Gratiot Ave., Detroit 5

Cusick, Paul L.....1108 Stroh Bldg., Detroit 26
 Czuj, J. M.....17555 James Couzens, Detroit 35
 Dale, Edward C.....28 W. Adams Ave., Detroit 26
 Dale, Esther H.....1512 St. Antoine, Detroit 26
 Dale, Mark.....3340 E. Eight Mile Rd., Detroit 34
 Daly, Byrne M.....120 McLean, Detroit 3
 Daly, E. T.....21714 Fenkell, Detroit 23
 Danforth, James C., Jr.....
 20175 Mack Ave., Grosse Pointe Woods
 Danforth, James C., Sr.....
 20175 Mack Ave., Grosse Pointe Woods
 Danforth, Robert.....20175 Mack Ave., Detroit
 Danforth, Mortimer E. (E).....
 1311 Cadillac Blvd., Detroit 14
 Daniels, Lewis E.....460 Fisher Bldg., Detroit 2
 Darling, Charles E.....673 Fisher Bldg., Detroit
 Darling, Milton A.....673 Fisher Bldg., Detroit 4
 Darnley, J. D.....Henry Ford Hosp., Detroit 2
 Darpin, Peter H. Y.....6602 W. Fort St., Detroit 9
 Davidson, David M.....1055 Fisher Bldg., Detroit 2
 Davidson, Harold.....6475 Woodward, Detroit
 Davidson, Harry O.....Henry Ford Hosp., Detroit
 Davies, T. S. (L).....15425 Kercheval, Grosse Pointe
 Davies, Windsor S.....1302 Stroh Bldg., Detroit 26
 Davis, W. N.....Wayne Co. Gen'l Hosp, Eloise
 Dawson, W. A.....25951 Avondale Rd., Inkster
 Day, Andrew J.....710 David Whitney Bldg., Detroit
 Day, J. Claude.....703 David Whitney Bldg., Detroit
 Dean, C. Robert.....
 Rehabil. Inst. of Detroit, 811 Hamilton Ave., Detroit 2
 DeBusk, R. W.....4160 John R. St., Detroit 1
 Deering, Robert J.....1392 Coolidge Hwy., River Rouge
 Defever, Cyril R.....15124 Kercheval, Grosse Pointe
 Defnet, William A.....1302 Stroh Bldg., Detroit 26
 De Groat, A. F.....Herman Kiefer Hosp., Detroit
 DeGuistino, Caesar.....1175 E. Grand Blvd., Detroit 11
 DeJongh, Edwin.....
 Diesel Eng. Div., General Motors Corp.
 13400 W. Outer Dr., Detroit 23
 Delaini, Stella M.....461 Fisher Bldg., Detroit 2
 Delaney, James R.....1020 David Whitney Bldg.,
 Detroit 26
 DeLawrence, Betty J.....21576 Michigan, Dearborn
 DeLawrence, Thomas (A).....Grace Hosp., Detroit
 Del Giorgio, T. E.....St. John's Hosp., Detroit
 Demaray, John F.....15312 Burt Rd., Detroit 23
 Denison, Louis L.....4026 W. McNichols Rd., Detroit 21
 Dennis, M. S.....751 S. Military Ave., Dearborn
 DePonio, Sylvester A.....20249 Van Dyke, Detroit 12
 Deresz, Alphonse R.....19444 Van Dyke, Detroit
 Derleth, Paul E.....562 W. Oakridge, Ferndale
 Derr, J. W.....702 Maccabees Bldg., Detroit
 DeSmyter, George C.....15527 E. Warren, Detroit
 De Spelder, Ray E.....2970 W. Grand Blvd., Detroit 11
 Deuby, Owen J.....15105 W. Seven Mile Rd., Detroit 35
 Deur, Julius J.....2201 E. Jefferson, Detroit 7
 DeVault, Marion.....7431 Orchard, Dearborn
 Devine, Herbert W.....22101 Moross Rd., Detroit 24
 Dibble, Harry F.....1313 David Whitney Bldg., Detroit 26
 Dickson, B. R.....337 W. Grand Blvd., Detroit 16
 Dickson, Elias L.....7716 Oakland, Detroit 11
 Dickson, Leon A.....5119 Milford, Detroit
 Dickson, L. C., Jr.....Henry Ford Hosp., Detroit 2
 Dickson, Mary D.....
 18424 Mack Ave., Grosse Pointe Farms 36
 Diebel, Nelson W.....660 Cadioux, Detroit 30
 Dieterich, G. C.....14300 W. McNichols, Detroit
 Dietze, Margaret R.....22148 Michigan, Dearborn
 Dietzel, H. O.....1024 W. Seven Mile Rd., Detroit 24
 Dill, Hugh L.....16114 E. Warren, Detroit 24
 Dill, J. Lewis.....18615 Birchcrest, Detroit 21
 DiLoreto, Panfilo C.....285 Vincennes Place,
 Grosse Pointe Farms 36
 DiMaso, G. J.....16545 E. Warren, Detroit 24
 Dimond, George E.....861 Monroe Blvd., Dearborn
 Disney, Charles.....6 M Tech. Center, Detroit
 Dittmer, Edwin F.....
 18412 Mack Ave., Grosse Pointe Farms 30

Dixon, Fred W.....530 N. Telegraph Rd., Dearborn
Dixon, Ray S.....5001 Van Dyke Ave., Detroit 13
Dixon, Robert K.....2501 W. Grand Blvd., Detroit 8
Dobkin, Joseph (A).....Receiving Hosp., Detroit
Dodds, John C. (L).....1355 David Whitney Bldg., Detroit 26
Dodenhoff, Chas. F.....791 E. Grand Blvd., Detroit 7
Dodrill, F. D.....1553 Woodward, Detroit
Doering, Wendell R.....968 Fisher Bldg., Detroit 2
Doerr, Louis E., Jr.....16401 Grand River, Detroit 27
Dolega, Stanley F.....10053 Gratiot Ave., Detroit
Dolgo, Sidney.....7301 Schaefer, Dearborn
Domzalski, Casimer A.....5361 McDougall, Detroit 11
Domzalski, H. M.....1020 Maccabees Bldg., Detroit 2
Donald, Douglas.....7815 E. Jefferson, Detroit 7
Donelson, Kater.....27371 Michigan Ave., Inkster
Donovan, Daniel R., Jr.....8378 Grand River, Detroit 4
Donovan, Eugene T.....13365 Michigan, Dearborn
Donovan, Richard S.....968 Fisher Bldg., Detroit 2
Doran, J. H.....15101 Plymouth Rd., Detroit
Dorian, A. L.....Lynn Hosp., Detroit 17
Dorman, Jack.....18245 Warrington Dr., Detroit
Dorsey, John M.....65 Moss St., Highland Park 3
Doty, Chester A. (L).....1735 David Whitney Bldg., Detroit 26
Doub, Howard P.....Henry Ford Hosp., Detroit
Douglas, Clair L.....405 David Whitney Bldg., Detroit
Dovitz, Benj. W.....95 Martin Place, Detroit
Dowdle, Edward F.....2501 W. Grand Blvd., Detroit 8
Downer, Ira G.....8445 E. Jefferson Ave., Detroit
Downes, George O.....8007 Harper, Detroit 13
Drake, Ellet H.....Henry Ford Hosp., Detroit 2
Drake, J. J. (R).....402 Locarno Apts., 5121 W. Chicago Blvd., Detroit 4
Draves, Edward F.....19647 Joy Rd., Detroit 28
Drazek, Joseph A.....8600 W. McNichols Rd., Detroit 21
Drews, Robert S.....12500 Broadstreet, Detroit 4
Drinkhaus, H. I., Lt. Col. MC (M).....7th Evac. Hosp., APO 34, c/o PM, New York, N. Y.
Droock, Victor.....10 Peterboro, Detroit 1
D'Sena, Dorothy.....10605 W. Warren, Detroit 28
Dubin, Joseph J.....10401 W. Chicago Blvd., Detroit 4
Dubnove, Aaron.....2115 W. Grand Blvd., Detroit 8
DuBois, Paul W.....1708 Broderick Tower, Detroit 26
Dubpernell, Karl (E).....3525 28th St., Detroit 10
Dubpernell, Martin S.....4019 Gilbert, Detroit 10
Dubpernell, Robert O. (M).....9125 Mevers Rd., Detroit 28
Dudek, J. J.....16401 Grand River, Detroit 27
Dumke, P. R.....Henry Ford Hosp., Detroit 2
Dundas, Edward M.....4700 Schlaff Dearborn
Dunlap, Henry A.....7815 E. Jefferson Ave., Detroit 14
Dunlap, Samson F.....9100 Oakland, Detroit
Dunn, Cornelius E.....18145 Mack Ave., Detroit
Durham, Everett W.....904 S. Military, Dearborn
Durham, Robert.....Henry Ford Hosp., Detroit 2
Durocher, Edmund J. (L).....4158 W. Jefferson, Ecorse
Durocher, Raymond E.....4158 W. Jefferson, Ecorse
Dutcher, Dwight J.....18514 Mack Ave., Grosse Pointe Farms 36
Duwe, Frank A.....25296 Fenkell, Detroit
Dwaihy, Paul J.....14530 E. Warren, Detroit
Dwyer, Francis W.....7448 Linwood, Detroit
Dygert, H. P., Jr.....Receiving Hosp., Detroit 26
Dykema, Rosemary.....14827 E. Jefferson, Detroit
Dziuba, John F.....8559 W. Jefferson, Detroit 17
Dzul, Paul (M).....275 W. Grand Blvd., Detroit 16
Eades, Charles C.....863 Fisher Bldg., Detroit 2
Eadie, G. A.....16083 Southampton, Livonia
Eakins, F. J. (R).....1768 Mortensen, Berkley
Easterly, Robert L.....2854 Biddle Ave., Wyandotte
Eaton, Crosby D.....462 Fisher Bldg., Detroit 2
Ebner, C. M.....14917 Gratiot Ave., Detroit 5
Echt, Raymond.....3320 W. Chicago, Detroit 6
Eckhous, Arthur W.....1015 Kales Bldg., Detroit
Eder, Samuel J.....1116 Maccabees Bldg., Detroit 2
Edgar, Irving I.....712 Maccabees Bldg., Detroit 2
Edmonds, Gerald W.....18425 Morang Dr., Detroit 5

Edmonds, W. N.....10 Peterboro, Detroit 1
Edmondson, Robert B.....18501 Mack Ave., Detroit 24
Eisman, Clarence H.....1121 Whittier Rd., Grosse Pointe 30
Eldredge, Edward F.....18540 Mack Ave., Grosse Pointe 36
Elliott, William G.....4101 Fenkell, Detroit 21
Ellis, Frank.....Wayne County General Hosp., Eloise
Elman, Meyer J.....14002 Woodward, Detroit
Elson, Abraham.....22519 Plymouth, Detroit 28
Elvidge, Robert J.....2900 W. Grand Blvd., Detroit
Emmert Herman C. (L).....7303 Grandmont, Detroit 10
Engel, E. H.....2336 Van Alstyne Blvd., Wyandotte
Engstrom, F. W.....Veterans' Adm. Hosp., Dearborn
Engstrom, Ruby M.....Wayne County General Hosp., Eloise
Eno, Laurel S.....1001 David Whitney Bldg., Detroit 26
Ensign, Dwight C.....Henry Ford Hosp., Detroit
Ensing, Osborn, H. B.....758 Fisher Bldg., Detroit 2
Epstein, S. G.....6438 Van Dyke, Detroit 13
Erickson, Eldon W.....2900 S. Fort St., Detroit 26
Erkfitz, Arthur W.....545 David Whitney Bldg., Detroit 26
Erman, J. M.....9225 Grand River, Detroit
Eschbach, J. W.....936 S. Military, Dearborn
Estabrook, Bert U. (L).....850 Virginia Park, Detroit 2
Ettinger, Clayton J. (L).....18734 Woodward, Detroit 3
Evans, E. W.....9025 Linwood, Detroit 6
Evans, G. P., Jr.....414 David Whitney Bldg., Detroit 26
Evans, Jos. M.....10500 E. Warren Ave., Detroit 13
Evans, Leland S.....20953 Grand River, Redford 19
Evans, W. A., Jr.....552 Fisher Bldg., Detroit 2
Evison, Emerson O. S. (M).....1003 Hawthorne Rd., Grosse Pointe Woods 30
Ewing, C. H.....17120 E. Warren, Detroit 24
Eyer, W. R.....Henry Ford Hosp., Detroit 2
Eyles, A. E.....567 Fisher Bldg. Detroit
Faello, S. J.....16840 E. Warren, Detroit 24
Fagin, I. Donald.....18254 Livernois, Detroit 21
Falick, Mordecai Louis.....960 Fisher Bldg., Detroit
Falk, Ira E.....7925 W. Verner Hwy., Detroit 9
Fallis, Lawrence S.....Henry Ford Hosp., Detroit 2
Fandrich, Theodore S.....1376 Lochmoor Blvd., Grosse Pointe 30
Farbman, Aaron A.....14515 Kercheval, Detroit 15
Faunce, Sherman P.....8300 Kercheval, Detroit 14
Feicks, William J. (M).....200 Ninth St., Lorain, Ohio
Felcyn, W. George.....2091 W. Grand Blvd., Detroit 8
Feld, David.....15101 W. McNichols Rd., Detroit 35
Feldkamp, Lee E.....585 Forest, Plymouth
Feldman, N. L.....17338 Woodingham, Detroit
Feldman, Paul H.....954 Maccabees Bldg., Detroit 2
Fellers, Ray L.....6505 Grand River, Detroit 8
Fenech, H. B.....324 Professional Bldg., Detroit
Fenner, William G.....12454 E. Outer Dr., Detroit 24
Fenton, Edwin H.....15125 Grand River Ave., Detroit 27
Fenton, Meryl M.....8600 W. McNichols Rd., Detroit
Fenton, Russell F.....15125 Grand River Ave., Detroit 27
Fenton, Stanley C.....15310 E. Warren St., Detroit 24
Ferrara, Louis V.....13805 Parkgrove Ave., Detroit 5
Ferrara, Virginia M.....18422 Woodward Ave. Detroit 3
Ferrell, Robert D.....15200 Leslie, Detroit 37
Ferris, G. N. (M).....No Address
Fettig, Carl A. (E).....1026 Harvard Road, Grosse Pointe Park 30
Figiel, Leo S.....18700 Meyers Rd., Detroit 21
Figiel, Steven J. (M).....Grace Hospital, Detroit 1
Fill, Leon.....1506 David Broderick Tower, Detroit
Finch, Alvis D.....17555 James Couzens, Detroit
Finch, F. Sinclair.....894 N. Renaud. Grosse Pte. Woods 36
Fine, Edward.....1112 Kales Bldg. Detroit 26
Fink, J. L.....11544 Dexter, Detroit
Finkell, Lawrence J.....15231 W. Seven Mile Rd., Detroit 35
Finkelstein, J. H.....25447 Plymouth Rd., Detroit 28
Finkelstein, Lionel.....275 W. Grand Blvd., Detroit
Finkelstein, M. B.....17300 Schaefer Rd., Detroit 35
Fischhoff, Joseph.....5475 Woodward Ave., Detroit 2
Fischer, Frederick J.....205 Professional Bldg., Detroit 1
Fishbein, Herbert.....987 E. Jefferson, Detroit

Fisher, George S.....1709 David Whitney Bldg., Detroit 14
Fisher, James M.....79 Kercheval, Grosse Pointe
Fisher, O. O. (L).....2475 Iroquois Ave., Detroit 14
Fisher, Ralph L.....8445 Jefferson, East Detroit
Fitzgerald, James M.....2536 W. Grand Blvd., Detroit 8
Flaherty, H. J.....15865 Wyoming, Detroit 21
Flaherty, N. W.....3677 Fort St., Lincoln Park
Fleming, Joseph L.....Henry Ford Hosp., Detroit 2
Flora, William Robert.....8100 E. Jefferson, Detroit 14
Flower, J. A.....14140 Puritan, Detroit 27
Fogt, Robert G.....11801 Morang, Detroit
Fogt, Herbert E.....11801 Morang, Detroit
Folberg, Irving I.....862 W. McNichols Rd., Detroit 3
Foley, Hugh S.....22255 W. Michigan, Dearborn 23
Foley, Joseph M.....1553 Woodward, Detroit 26
Font, Anthony J.....710 Kales Bldg., Detroit 26
Ford, George A. (L).....803 Stroh Bldg., Detroit 26
Ford, Sylvester.....1010 Stroh Bldg., Detroit 26
Ford, Walter D. (E).....626 Morley Court, Dearborn
Fordell, F. S.....441 S. Oakwood, Lincoln Park 25
Forgrave, E. G.....18520 Grand River Ave., Detroit 23
Forrer, Gordon R.....21603 Grand River, Detroit
Foster, Daniel P. (A).....Henry Ford Hosp., Detroit 2
Foster, E. Bruce.....853 Fisher Bldg., Detroit 2
Foster, Owen C.....1015 David Whitney Bldg., Detroit 26
Foster, Wallace M.....13700 Woodward Ave., Detroit 3
Foster, William L.....2567 W. Grand Blvd., Detroit 8
Fowler, Melvin E.....247 E. Warren, Detroit
Fox, Leonard.....3152 Biddle St., Wyandotte
Fox, Morris Edward.....10 Peterboro, Detroit 1
Fraiberg, Paul L.....13001 W. Chicago, Detroit 27
France, C. J.....3401 Burns Ave. Detroit 14
Franjac, M. J.....25447 Plymouth Rd., Detroit 28
Franzen, Nils A.....19566 Grand River, Detroit 23
Frazer, Mary Margaret.....812 Kales Bldg., Detroit 26
Frederickson, G. C.....3919 John R, Detroit
Free, Harry W.....952 Fisher Bldg., Detroit 2
Freedman, John.....4853 Second Blvd. at Warren Ave.,
Detroit 1
Freedman, Milton.....18626 Santa Barbara St., Detroit 21
Freeman, D. K.....881 Chalmers, Detroit 15
Freeman, Mable.....1316 Broderick Tower, Detroit 26
Freeman, Michael W.....
401 David Whitney Bldg., Detroit 26
Freeman, Wilmer.....940 E. Seven Mile Rd., Detroit 3
Freid, Samuel.....17537 Parkside, Detroit 21
Freier, Morton L.....1503 Kales Bldg., Detroit 26
Freitas, E. L.....St. John's Hosp., Detroit 24
Fremont, Joseph C.....
1202 David Whitney Bldg., Detroit 26
Frey, James L.....755 David Whitney Bldg., Detroit 26
Friedlaender, Alex S.....10300 W. Seven Mile Road,
Detroit 21
Friedlaender, Sidney
10300 W. Seven Mile Rd., Detroit 21
Friedman, David.....2429 E. Milwaukee Ave., Detroit 11
Friedman, I. H.....3773 2nd Ave., Detroit 1
Fritz, G. E.....St. John's Hospital, 22101 Moross Road,
Detroit 21
Frothingham, George E. (E).....
707 David Whitney Bldg., Detroit
Fryfogle, James D.....655 Fisher Bldg., Detroit 2
Fulgenzi, Andrew A.....7445 Mack Ave., Detroit
Fuller, Hugh M.....1257 David Whitney Bldg., Detroit 26
Fulton, H. E., Jr.....Harper Hosp., Detroit 1
Fulton, William James.....
3-204 General Motors Bldg., Detroit 2
Gaffney, J. M. (A).....13600 Ohio, Detroit 4
Gagliardi, C. A.....Lynn Hosp., Detroit 17
Gagliardi, Raymond, A. E.....15864 Rosemont, Detroit 23
Gajewski, J. E.....Parke, Davis & Co., Detroit 32
Galantowicz, Henry C.....7433 Michigan, Detroit 10
Galdonyi, Laslo.....2311 Broderick Tower, Detroit 26
Galdonyi, Nicholas L.....8001 W. Jefferson, Detroit 17
Galerneau, D. B.....7394 Engleman, Centerline
Galvin, P. P.....7416 Twelfth, Detroit
Ganos, Thomas.....6525 Park, Allen Park
Ganschow, John H.....10025 Nadine, Huntington Woods
Gardner, Lawrence Wm.....
18782 Glenwood Ave., Lathrup Village, Birmingham
Gardner, Max L.....812 Kales Bldg., Detroit
Garipey, Louis B.....16401 Grand River Ave., Detroit 27
Garipey, L. J.....16401 Grand River Ave., Detroit
Gass, H. Harvey.....815 Kales Bldg., Detroit
Gaston, Herbert B.....871 Fisher Bldg., Detroit 2
Gates, Nathaniel (L).....10 Peterboro, Detroit 1
Gaynor, Alex.....1435 E. Seven Mile Rd., Detroit 3
Gehring, Harold W.....767 Fisher Bldg., Detroit 2
Geib, Ledru O. (L).....3528 Van Dyke St., Detroit 14
Geitz, William A.....7234 E. Forest Ave., Detroit 13
Gelbach, Philip D.....2900 S. Fort St., Detroit 25
Gellert I. S. (L).....1229 David Whitney Bldg., Detroit 26
Gemeroy, J. C.....664 Fisher Bldg., Detroit 2
Gerisch, Robert A. (M).....8 Hillside, Winchester, Mass.
Gerondale, Edmond J.....750 Fisher Bldg., Detroit 2
Giese, F. W.....18526 Schoolcraft, Detroit
Gigante, Nicola.....10 Peterboro, Detroit
Gigliotti, David.....Providence Hosp., Detroit
Gilbert, H. R.....13146 Phelps, Wyandotte
Gillard, James L.....13300 Livernois, Detroit
Gillespie, Stephen M.....1011 Haigh St., Dearborn
Gillman, R. W. (E).....61 Peterboro, Detroit 1
Gilpin, W. A.....4560 Niagara Lane, Route 1, Birmingham
Gimbel, N. S.....1512 St. Antoine, Detroit 26
Ginsberg, Harold I.....952 Maccabees Bldg., Detroit 2
Gitlin, Charles.....1610 Glendale St., Detroit 6
Gittins, Perry C.....732 Maccabees Bldg., Detroit 2
Givens, D. H.....3453 Charlevoix, Detroit 7
Gizynski, W. E.....15400 Edington Rd., Livonia
Glasgow, Gordon K.....
1170 Harvard Rd., Grosse Pointe 30
Glassman, Samuel.....60 W. Hancock, Detroit 1
Glazer, Walter S.....8600 W. McNichols Rd., Detroit 21
Gleason, John E. (L).....
17401 Pontchartrain Drive, Detroit 3
Glees, John L.....11631 Mack, Detroit
Glemet, Raymond B.....3314 Bagley, Detroit 16
Glowacki, B. F.....1144 Maccabees Bldg., Detroit 2
Godley, A. J.....18060 Conant, Detroit
Goerke, Elmer A.....3663 Goddard Rd., Romulus
Goetz, Angus G.....710 David Whitney Bldg., Detroit 26
Goins, W. F.....6675 Tireman, Detroit 10
Goldberg, Arthur.....340 E. 8 Mile Rd., Detroit 3
Goldberg, Harry H.....514 Fox Theater Bldg., Detroit 1
Goldberg, Nathan H.....514 Fox Theater Bldg., Detroit 1
Goldfaden, Alfred.....8111 Navy, Detroit 9
Goldin, M. I.....632 Maccabees Bldg., Detroit 2
Goldman, Abe A.....19100 Manor, Detroit
Goldman, Aubrey.....909 Kales Bldg., Detroit
Goldman, Perry.....15401 W. McNichols Rd., Detroit 35
Goldstein, Abe S.....18450 Northlawn, Detroit 21
Goldstein, Sidney.....14620 B-E 7 Mile Rd., Detroit 5
Goldstone, R. R.....10 Peterboro, Detroit 1
Gollman, Maurice D.....819 Maccabees Bldg., Detroit 2
Gonne, William S.....
619 David Whitney Bldg., Detroit 26
Goodman, H. L. (M).....1512 St. Antoine, Detroit 26
Goodman, M. M.....9246 Grand River, Detroit
Goodman, V. P.....3540 Somerset Ave., Detroit 24
Goodwin, W. W.....41001 Seven Mile Rd., Northville
Gordon, John W. (R).....12700 Mendota, Detroit
Gordon, W. E., Jr. (M).....(No Address)
Gordon, William H.....
1102 David Whitney Bldg., Detroit 26
Gorelick, Martin J.....23901 Michigan Ave., Dearborn
Gorning, Raymond P.....857 Marlborough, Detroit 15
Goryl, Stephen V.....9953 E. Forest, Detroit 13
Goss, Samuel B.....10 Peterboro, Detroit
Gostine, Edmond J.....
9758 Chalmer Ave. at Longview, Detroit
Gottschalk, Fred W.....1314 Maccabees Bldg., Detroit 2
Goudie, F. D.....27210 Eldorado, Birmingham
Gould, S. E.....19427 Chesterfield, Detroit 21
Gourley, E. V.....16901 James Couzens, Detroit

Goux, Raymond S.....545 David Whitney Bldg., Detroit 26
Grace, Joseph M.....17505 Parkside, Detroit
Grady, J. A.....15865 Wyoming Ave., Detroit 38
Grady, R. C.....Children's Hospital, Detroit
Graham, J. A.....4102 Brush, Detroit 1
Graham, John G., Jr.....7815 E. Jefferson, Detroit 14
Grain, Gerald O.....Henry Ford Hosp., Detroit 2
Grajewski, Leo E.....2201 E. Jefferson Ave., Detroit 7
Gramley, William.....13328 E. Jefferson Ave., Detroit 15
Granger, Francis L.....14160 Gratiot Ave., Detroit 5
Granger, G. R.....705 David Whitney Bldg., Detroit 26
Grant, A. H.....18024 Sorrento, Detroit 35
Grant, H. E. (L).....Lewiston
Gratton, Henri L.....1301 Kales Bldg., Detroit 26
Gravelle, Lawrence J.....1036 David Whitney Bldg., Detroit 26
Gray, Jacques Pierce.....1415 Parker, Detroit 14
Greek, Louis M.....12901 E. McNichols Rd., Detroit 5
Green, Ellis R.....5172 Scotten Ave., Detroit 10
Green, Lewis.....13000 Grand River, Detroit 27
Green, Louis M.....14636 E. Seven Mile Rd., Detroit 5
Green, Nelson W.....15819 Wyoming, Detroit 21
Green, W. E.....9825 Grand River, Detroit 4
Greenberg, Jack R.....15473 W. 7 Mile Rd., Detroit 19
Greenberg, J. J.....7441 W. 7 Mile Rd., Detroit
Greenberg, M. Z.....9105 Van Dyke, Detroit
Greene, John B.....2730 Hastings St., Detroit 1
Greenidge, Robert I.....4839 Beaubien St., Detroit 1
Greenlee, William Tate.....15053 Maddelein, Detroit 5
Greenslit, Frank S.....Veterans Adm. Hosp., Dearborn
Gregory, L. J.....2325 E. Grand Blvd., Detroit
Greiner, Bert A.....12410 Van Dyke, Detroit 34
Greifenstein, F. E.....1512 St. Antoine, Detroit 26
Grek, John N.....7441 W. 7 Mile Rd., Detroit 21
Griffin, J. P.....17555 James Couzens, Detroit
Griffin, Robert J.....20227 Lancaster, Detroit 24
Griffith, A. J.....14049 Warwick, Detroit
Griffiths, Sidnev J.....15400 Plymouth Rd., Detroit 27
Grimaldi, G. J.....2983 Seminole, Detroit
Grino, Antonio.....Veterans Adm. Hosp., Dearborn
Grinstein, Alexander.....18700 Woodingham Dr., Detroit 21
Grob, Otto.....651 Fisher Bldg., Detroit 2
Gross, Louis.....18937 Van Dyke, Detroit
Grossman, S. C.....538 Maccabees Bldg., Detroit 2
Grotz, Genevieve A.....22148 Michigan Ave., Dearborn
Gudes, David S.....1080 Fisher Bldg., Detroit
Guerrero, Jose.....13535 Woodward, Detroit
Guimaraes, A. S.....7301 Schaefer Highway, Dearborn
Guinan, G. E.....414 S. Goodman, Rochester, N. Y.
Gulick, Arthur E.....1429 David Whitney Bldg., Detroit 26
Gurdjian, E. S.....840 David Whitney Bldg., Detroit 26
Gurskis, Eugenia.....504 Kales Bldg., Detroit
Gutov, Benjamin R.....602 Maccabees Bldg., Detroit
Guyton, Jack S.....Henry Ford Hosp., Detroit 2
Hack, D. W.....14453 Cedargrove, Detroit 5
Hacker, Elaine M.....2201 E. Jefferson, Detroit
Haefele, Leslie P.....29108 Ford Rd., Garden City
Hagge, D. R.....1201 David Whitney Bldg., Detroit 26
Haidostian, B. H.....18456 Grand River, Detroit 23
Haitinger, K. S.....7850 E. Jefferson, Detroit
Haking, Leonard.....9661 Gratiot, Detroit 13
Hale, Arthur S.....1501 David Whitney Bldg., Detroit
Halekas, G. P.....19685 Fenelon, Detroit 34
Haley, W. A.....3631 McClellan, Detroit
Hall, E. Walter.....10 Peterboro, Detroit 1
Hall, James A. J.....28 W. Adams St., Detroit 26
Hall, Ralph E.....10 Peterboro, Detroit 1
Hall, Robert J.....6014 W. Fort St., Detroit 9
Hall, Winthrop D.....36200 Plymouth Rd., Livonia
Hallen, Leonard J.....14032 Ohio, Detroit 38
H'Amada, Norman K.....904 Maccabees Bldg., Detroit 2
Hamburg, Robert H.....1515 David Whitney Bldg., Detroit 26
Hamburger, A. C.....1512 David Broderick Tower, Detroit
Hamil, Brenton M.....Henry Ford Hosp., Detroit

Hamilton, Norman C.....300 W. McNichols Rd., Highland Park
Hamilton, Q. P.....1613 David Whitney Bldg., Detroit 26
Hamilton, William.....13836 Woodward Ave., Detroit 3
Hamilton, W. F. (L).....234 East Grand Blvd., Detroit 4
Hammer, Edwin J.....16616 Mack, Detroit 24
Hammer, Roy W.....16620 E. Warren, Detroit
Hammond, Arthur E.....1863 David Whitney Bldg., Detroit 26
Hammond, J. L. (L).....General Delivery, Escondido, Calif.
Hand, Fordus V.....81 East Kirby, Detroit 2
Hank, Emil.....8261 Cheyenne, Detroit 28
Hansen, F. E.....120 Glynn Ct., Detroit
Hanser, Joshua (L).....2730 E. Jefferson, Detroit
Hardstaff, R. John (L).....648 Neff Rd., Grosse Pointe 30
Harelik, E. W.....614 Maccabees Bldg., Detroit
Harkaway, Roman W.....19125 Van Dyke, Detroit 34
Harley, Garth H.....834 N. York, Dearborn
Harley, Louis M.....4100 W. McNichols Rd., Detroit 21
Harm, Winfred B.....5884 West Vernor Highway, Detroit 9
Harmon, L. G.....987 E. Jefferson, Detroit
Harper, Jesse T.....1248 David Whitney Bldg., Detroit 26
Harrell, V. E.....806 1/2 N. Oakwood Blvd., Dearborn
Harrington, Frank L.....8935 Fennell, Detroit 21
Harris, Arthur D. (M).....5262 Tireman, Detroit 4
Harris, Harold H.....8011 W. Vernor Highway, Detroit
Harris, Ivor David.....817 David Whitney Bldg., Detroit 26
Harris, L. C.....1401 Rivard St., Detroit
Harrison, Wesley.....4847 Iroquois, Detroit 14
Harrison, W. L.....Clairmount at Hamilton St., Detroit 2
Hart, Charles E.....9341 Moffat Ave., Detroit
Hart, John Clarence.....9341 Moffat, Detroit
Harten, James.....2900 S. Fort, Detroit
Hartkop, Henry H.....16321 Mack Ave., Detroit 24
Hartman, F. W.....2799 W. Grand Ave., Detroit
Hartquist, R. J.....1495 Fort St., Wyandotte
Hartzell, John B.....7815 Jefferson Ave. E., Detroit 14
Hasley, Clyde K.....1429 David Whitney Bldg., Detroit 26
Hasley, Daniel E.....1401 Rivard St., Detroit 7
Hassig, W. W.....14504 Mack Ave., Detroit 15
Hastings, Orville J.....15744 Harper, Detroit 24
Hathaway, Hubert R.....230 Madison Ave., Detroit
Hause, Glen E.....18250 Grand River, Detroit 23
Hauser, I. Jerome.....7411 Third Ave., Detroit 2
Hauser, John E.....671 Fisher Bldg., Detroit 2
Hauser, Maurice J.....7411 Third Ave., Detroit
Havers, Howard.....1032 Maccabees Bldg., Detroit 2
Hawkins, James W.....14237 Greenfield, Detroit 27
Hayes, D. M.....713 David Whitney Bldg., Detroit 26
Hayes, J. O.....776 Crescent, Buffalo 16, N. Y.
Hazen, Roy S.....20526 Grand River Ave., Detroit 23
Heath, Leonard P.....1457 David Whitney Bldg., Detroit 26
Heavner, Lyle E.....119 Kercheval, Detroit
Hecht, Manes S.....25622 Coolidge Hwy., Huntington Woods
Hedgeman, E. C.....3425 Hastings, Detroit
Heenan, Theophilus H.....1409 David Whitney Bldg., Detroit 26
Heideman, Louis E.....12901 W. Seven Mile Rd., Detroit 35
Heldt, R. F.....1951 Monroe, Dearborn
Heldt, Thomas J. (L).....Henry Ford Hosp., Detroit 2
Hellems, H. K.....319 Moross, Grosse Pointe Farms
Hendelman, Manuel H.....14350 Harper, Detroit 13
Henderson, Allison B.....5320 John R., Detroit 2
Henderson, Arthur B.....10452 Mack, Detroit
Henderson, Charles W.....853 Fisher Bldg., Detroit
Henderson, Harold.....852 Fisher Bldg., Detroit 2
Henderson, Hugh W.....308 Professional Bldg., Detroit 1
Henderson, John C.....316 Chalfonte, Grosse Pointe Farms 36

Henderson, Leslie T.....13038 E. Jefferson, Detroit 15
 Henderson, William E.....9341 Chalmers, Detroit 13
 Hendry, H. W.....2716 Rochester, Detroit
 Henig, Fred N.....7605 W. Seven Mile Rd., Detroit 21
 Henkin, Raymond (M).....2225 Christine, Anniston, Ala.
 Henkin, William A.....19166 James Couzens, Detroit 35
 Henrich, Lawrence E.....2501 W. Grand Blvd., Detroit 8
 Herbst, Harold B.....20482 Ardmore, Detroit 21
 Herkimer, Dan R.....1802 Buckingham, Lincoln Park 25
 Herrold, Rose E.....1277 E. Grand Blvd., Detroit 11
 Herschelmann, Roy E.....
 3343 Gratiot Ave. at Mack, Detroit 7
 Hertzler, Jack H.....752 Fisher Bldg., Detroit 2
 Herwick, John T.....Henry Ford Hospital, Detroit 2
 Hess, Murray W.....13732 Woodward Ave., Detroit 3
 Hesselschwerdt, D. W.....3919 John R., Detroit 1
 Hewitt, Leland V.....917 David Whitney Bldg., Detroit 26
 Heyman, L. F.....19001 W. Seven Mile Rd., Detroit 19
 Heyner, Stanley A.....3424 Oakman Blvd., Detroit 4
 Hickey, Joseph.....6004 W. Fort St., Detroit 9
 Hicks, Fred G.....7301 Schaefer Rd., Dearborn
 Higbee, Arthur L.....429 E. Grand Blvd., Detroit 7
 Hileman, S. Lee.....4043 W. Jefferson, Ecorse
 Hill, E. J., Jr.....1515 David Whitney Bldg., Detroit 26
 Hill, Gerald (M).....
 Med. Co., Sup. Bn., 3rd Div., Ft. Benning, Ga.
 Hill, W. T.....6303 Mack Ave., Detroit
 Hillenberg, Sidney J.....20215 W. Seven Mile Rd., Detroit
 Hillenbrand, Alfred E.....14321 Kercheval, Detroit 15
 Hiller, Glenn I.....13700 Woodward Ave., Detroit 3
 Hiller, H. M.....987 E. Jefferson, Detroit 7
 Hillier, Leland G.....18750 Woodward Ave., Detroit 3
 Hilton, William E.....13902 Mack, Detroit 15
 Hiratzka, Tomiharu.....1512 St. Antoine, Detroit
 Hirsch, Lore.....22671 Garrison, Dearborn
 Hirschfeld, A. H.....829 Fisher Bldg., Detroit
 Hirschman, L. J. (E).....2619 Munson Ave., Traverse City
 Hoagland, F. L.....1260 E. Grand Blvd., Detroit 11
 Hoagland, Thomas V.....81 E. Kirby, Detroit
 Hobbs, Donald V.....18530 Grand River Ave., Detroit 23
 Hochman, Morton M.....16633 Plymouth Rd., Detroit 27
 Hodges, Jason.....1200 S. Oxford Road,
 Grosse Pointe Woods 30
 Hodgkinson, C. P.....Henry Ford Hosp., Detroit
 Hoffer, Thomas.....6825 Allen Road, Allen Park
 Hoffman, Edward A.....7615 W. Vernor Hwy., Detroit
 Hoffman, E. S.....766 Fisher Bldg., Detroit 2
 Hoffman, Harry Y.....15085 E. Seven Mile Rd., Detroit 5
 Hoffman, Henry A.....10015 E. Outer Drive, Detroit 24
 Hoffman, M. C., Capt., MC (M).....
 Parks AFB Hospital, Pleasanton, Calif.
 Hoffmann, Martin H.....
 1311 David Whitney Bldg., Detroit 2
 Holcomb, August A.....117 W. Wing, Northville
 Holdredge, Jean M.....972 Fisher Bldg., Detroit 2
 Hollander, A. J.....8026 Michigan Ave., Detroit 10
 Hollinger, F. W.....Henry Ford Hosp., Detroit 2
 Hollis, H. B.....6809 Sarina, Detroit
 Holloway, H. R.....2017 W. Boston Blvd., Detroit 6
 Holloway, Janet L.....3919 John R., Detroit
 Holt, C. J., Jr.....8525 Ward St., Detroit
 Holt, Henry T.....5050 Cass, Detroit
 Honhart, Fred L.....1405 Berkshire Rd., Grosse Pointe 30
 Hookey, John A.....2918 Biddle, Wyandotte
 Hooper, Norman L.....6 Port Drive, Detroit
 Hoops, George B. (E).....754 Fisher Bldg., Detroit
 Hopkins, J. E.....6381 W. Fort St., Detroit 9
 Hopson, G. H.....13626 E. Seven Mile Rd., Detroit 5
 Hopson, Patricia C.....21324 Bournemouth, Detroit
 Horkins, E. J.....14300 W. McNichols Rd., Detroit 35
 Horkins, Harold A.....893 Lakewood, Detroit
 Horny, Hugo O.....11600 Whittier, Detroit 24
 Horrigan, T. F.....21519 Kingsville, Harper Woods 36
 Horton, Reece H.....
 938 David Whitney Bldg., Detroit 26
 Horvath, James J.....1337 David Whitney Bldg.,
 Detroit 26
 Horvath, Louis O.....9122 W. Fort St., Detroit 9
 Horwitz, John B.....
 1208 David Broderick Tower, Detroit 26
 Hotchkiss, Loris M.....33220 W. 7 Mile Rd., Livonia
 House, W. W.....10350 Twelfth St., Detroit 6
 Howard, Austin Z.....
 825 David Whitney Bldg., Detroit 26
 Howard, Philip J.....Henry Ford Hosp., Detroit 2
 Howard, W. L.....Maybury San., Northville
 Howell, Bert F.....10800 Whittier, Detroit 24
 Howell, James T.....Henry Ford Hosp., Detroit 2
 Howes, Homer A.....
 1515 David Whitney Bldg., Detroit
 Howes, Willard Boyden.....1800 Tuxedo, Detroit 6
 Howlett, Howard T.....868 Fisher Bldg., Detroit 2
 Hranchook, Michael.....5042 Haverhill, Detroit 24
 Hromadko, Louis.....1075 Fisher Bldg., Detroit 26
 Hubbard, John P., Jr.....1130 E. Grand Blvd., Detroit 7
 Hubbard, Ralph G. (A).....14800 Prevost, Detroit 27
 Huber, Phillip J.....10 Peterboro, Detroit
 Hudson, J. Stewart.....
 17443 E. Jefferson Ave., Grosse Pointe
 Hudson, William A.....
 602 David Whitney Bldg., Detroit 26
 Huegli, Wilfred A.....
 290 Moross Rd., Grosse Pointe Farms 36
 Hull, LeRoy W.....1701 David Whitney Bldg., Detroit 26
 Huminski, T. S.....19244 Van Dyke, Detroit 34
 Hummel, Arthur R.....8045 E. Jefferson, Detroit
 Hunt, T. H.....19431 Van Dyke, Detroit 12
 Hunt, Verne G.....723 David Whitney Bldg., Detroit 26
 Hunter, B. H.....13341 Livernois, Detroit
 Husband, Chas. W.....3810 Northwestern Ave., Detroit 6
 Husband, R. C.....18715 Prairie, Detroit 21
 Hyatt, Jarvis M.....22340 Michigan, Dearborn
 Hyde, Frederick W., Jr.....Grace Hosp., Detroit 1
 Hyland, John R.....13030 Mack Ave., Detroit 15
 Hyman, Samuel J.....27342 Michigan Ave., Inkster
 Jacobell, Peter H.....19300 Van Dyke, Detroit 34
 Ice, G. T.....18060 Conant St., Detroit 34
 Igna, Eli J.....Henry Ford Hosp., Detroit 2
 Irvin, Earle Albert.....Ford Motor Co., 3000 Schaefer Rd.,
 Dearborn
 Irwin, William A.....Providence Hosp., Detroit 8
 Isaacson, Arthur.....2921 E. Davison, Detroit
 Isaacson, H. E.....15101 W. Seven Mile Rd., Detroit
 Iseri, Lloyd T. (M).....Wayne University, Detroit
 Israel, Barney B.....1424 Maccabees Bldg., Detroit
 Israel, Joseph G.....870 Maccabees Bldg., Detroit 21
 Israel, Kenneth.....1072 Maccabees Bldg., Detroit 2
 Iwata, Herbert T.....7611 Patton Ave., Detroit 28
 Izner, S. M.....17500 Schaefer, Detroit 35
 Jacobs, Arnold.....16861 Wyoming, Detroit 35
 Jacobson, Samuel D.....2435 Oakman Blvd., Detroit 4
 Jacobus, Wayne.....
 21461 Sloan Dr., Apt. 206, Harper Woods 36
 Jaeger, Grove A.....1802 E. Grand Blvd., Detroit 11
 Jaekel, C. N.....1086 E. Grand Blvd., Detroit 7
 Jaffar, Donald J.....734 Maccabees Bldg., Detroit 2
 Jaffe, J. L.....7465 Harper, Detroit 13
 Jaffe, Jacob.....501 Fox Theater Bldg., Detroit 1
 Jaffe, Louis.....1605 David Broderick Tower, Detroit 26
 Jahsman, William E.....Henry Ford Hospital, Detroit 2
 Jamieson, Thomas J.....1310 Warwick, Lincoln Park
 Janicki, Natalia J.....Wayne Co. General Hospital, Eloise
 Jarre, Hans A.....Grace Hospital, Detroit
 Jarsen, Frank J.....817 Beechmont, Dearborn
 Jarvis, Harold F.....14110 Gratiot Avenue, Detroit
 Jasion, Lawrence J.....11945 Payton Ave., Detroit
 Jaynes, Richard V.....25296 Fenkell, Detroit
 Jeffries, Benjamin.....1010 Harvard, Detroit 30
 Jend, W. J. (L).....3598 Mitchell, Detroit 7
 Jend, William, Jr.....1365 Cass Ave., Detroit 26
 Jenkins, Elwood A.....514 Kales Bldg., Detroit
 Jennings, Charles G.....14827 E. Jefferson, Detroit 15
 Jennings, Elmer R.....432 E. Hancock, Detroit 1
 Jensen, E. H.....610 Blaine St., Detroit 2
 Jensen, V. W.....5050 Cass Ave., Detroit 2
 Jentgen, Chas. J.....22101 Moross Road, Detroit 24

Jeremias, Robert C.....13300 Livernois, Detroit 4
 Jerius, D. H.....9437 Van Dyke, Detroit
 Jewell, F. C.....7220 Gratiot Ave., Detroit 13
 Jewell, J. S.....751 S. Military, Dearborn
 Jocz, M. W.....Chrysler Corp., 341 Massachusetts Ave.,
 Detroit 31
 Jodar, E. O.....15760 Mack, Detroit 24
 Jodar, L. W.....6307 W. Fort St., Detroit 9
 John, Hubert R.....650 Maccabees Bldg., Detroit 2
 Johnson, A. S.....816 David Whitney Bldg., Detroit 26
 Johnson, Homer L.....Henry Ford Hospital, Detroit 2
 Johnson, J. F. (M).....3560th Med. GP. WEBB AFB,
 Big Springs, Texas
 Johnson, R. A.....7815 E. Jefferson, Detroit
 Johnson, Thomas D.....20526 Grand River, Detroit
 Johnson, Vernon P.....10445 Kercheval, Detroit 14
 Johnson, Vincent C.....10 Peterboro, Detroit
 Johnson, W. H. M.....7159 Michigan, Detroit 10
 Johnston, Charles G.....1512 St. Antoine, Detroit
 Johnston, E. V.....3919 John R, Detroit
 Johnston, Joseph A.....Henry Ford Hospital, Detroit
 Johnston, J. L. (A).....1950 W. McNichols Road, Detroit 3
 Johnston, William E.....1071 Fisher Bldg., Detroit 21
 Johnstone, B. I.....555 Fisher Bldg., Detroit 2
 Joinville, E. V.....1202 Stroh Bldg., Detroit 26
 Jones, Adrian R.....15309 Mack Ave., Detroit 24
 Jones, Edna M. (A).....Route 1, Clinton, Mo.
 Jones, L. F.....1800 Tuxedo Ave., Detroit 6
 Jones, Roy D.....10234 Puritan Ave., Detroit 38
 Jones, W. J.....2514 Biddle, Wyandotte
 Jordan, Prescott.....1515 David Whitney Bldg., Detroit 26
 Jovce, Stanley J.....1078 Fisher Bldg., Detroit 2
 Juliar, Benjamin.....4100 W. McNichols Road, Detroit 21
 Jury, Donald B.....18800 Woodward, Detroit 3
 Kaine, H. D.....755 Fisher Bldg., Detroit 2
 Kalayjian, Bernard S.....Womans Hospital, Detroit 1
 Kalder, Ned Block.....6071 W. Outer Drive, Detroit 35
 Kalichman, Nathan.....532 Maccabees Bldg., Detroit 2
 Kallenbach, R. W.....985 Suningale Drive, Inkster
 Kallet, Herbert I.....944 Maccabees Bldg., Detroit 2
 Kallet, Maerit.....944 Maccabees Bldg., Detroit 2
 Kallman, David.....5725 Cass, Detroit 2
 Kallman, Leo.....5725 Cass, Detroit 2
 Kallman, R. Robert.....2632 Woodward Ave., Room 202,
 Detroit
 Kamin, Louis E.....4642 Second Blvd., Detroit
 Kaminski, Zeno L.....3504 24th St., Detroit 8
 Kamperman, George A. (L).....1807 David Whitney Bldg.,
 Detroit 26
 Kanter, Herman.....13127 West 7 Mile Road, Detroit 21
 Kapetansky, A. J.....1728 Clairmont, Detroit 6
 Kapetansky, N. J.....4790 W. Fort St., Detroit 9
 Kaplita, Walter A.....5087 Caniff, Detroit 12
 Karch, Saul.....12805 Broadstreet, Detroit 4
 Kasabach, Harry Y.....952 David Whitney Bldg.,
 Detroit 26
 Kasabach, V. Y.....523 Book Tower Bldg., Detroit 26
 Kashtan, H. A.....1410 David Broderick Tower, Detroit 26
 Kasper, Joseph A.....Bon Secour Hosp., Grosse Pointe 30
 Kaspor, Albert J.....16715 Harper Ave., Detroit
 Kass, Arnold.....1316 David Stott Bldg., Detroit
 Katz, Lawrence.....987 E. Jefferson, Detroit 7
 Katzman, I. S.....412 Fox Theater Bldg., Detroit 1
 Kaufman, J. M.....618 David Whitney Bldg., Detroit
 Kaufman L. W.....19467 Livernois, Detroit
 Kaump, Donald H.....Providence Hospital, Detroit 8
 Kauppinen, J. A.....15400 Plymouth Road, Detroit 27
 Kaweck, Lucian.....10734 Hart Ave., Huntington Woods
 Kazdan, Louis L.....13801 W. Nine Mile Road, Oak Park
 Kazdan, Morris.....15024 McLain, Allen Park
 Keating, Thomas F. (L).....18675 Gainsborough,
 Detroit 23
 Kehoe, Henry J.....15252 Gratiot, Detroit 5
 Keim, H. L.....1110 David Broderick Tower, Detroit 26
 Keith, Kelly.....106 West Davison, Detroit 3
 Kelley, Frank James.....3919 John R. St., Detroit
 Kelly, Edward W., Jr.....156 Harmon, Detroit 2

Kelmenson, Victor A.....7356 12th St., Detroit 6
 Kelson, Malcolm J.....1045 Harvard, Grosse Pointe 30
 Kemler, Walter J.....4045 W. Jefferson, Ecorse 18
 Kennary, James M.....4900 Cadieux Road, Detroit
 Kennedy, Chas. S.....10 Peterboro, Detroit 1
 Kennedy, Donald J.....2730 E. Jefferson, Detroit 7
 Kennedy, R. B. (R).....3481 Seminole, Detroit 14
 Kenney, L. J.....Henry Ford Hospital, Detroit 2
 Kenning, John C. (A).....6044 Waverly, La Jolla, Calif.
 Kennison, Warren S.....1103 Kales Bldg., Detroit
 Kernkamp, Ralph F.....1204 Broderick Tower, Detroit
 Kernick, M. O.....13700 Woodward Ave., Detroit
 Kerzman, Joseph H.....850 Maccabees Bldg., Detroit 21
 Keshishian, Sarkis K.....13544 Woodward Ave., Detroit 3
 Keyes, Eugene Charles.....4840 Maple St., Dearborn
 Keyes, John W.....Henry Ford Hospital, Detroit
 Killins, C. G.....8100 E. Jefferson, Detroit
 Kimberlin, Kenneth K.....11110 Morang Dr. at Balfour,
 Detroit 24
 King, Edward D.....5455 W. Vernor Highway, Detroit 9
 King, Melbourne J.....5455 W. Vernor Highway, Detroit 9
 Kingsley, J. W., Jr.....2201 E. Jefferson, Detroit 7
 Kingswood, Roy C.....90 E. Warren Ave., Detroit 1
 Kinsley, George.....909 Kales Bldg., Detroit
 Kirschbaum, H. M.....528 Maccabees Bldg., Detroit 2
 Kirtland, William B.....2201 E. Jefferson, Detroit 7
 Kitzmiller, John L.....15819 Wyoming Ave., Detroit 21
 Klein, Herman.....14825 W. McNichols, Detroit
 Klein, Howard A.....1838 David Whitney Bldg., Detroit
 Klein, Sander P.....14825 W. McNichols Road, Detroit 21
 Klein, William.....1795 Oakman, Detroit 38
 Kleinman, S.....2909 W. Grand Blvd., Detroit
 Kliger, David.....7756 Southfield, Detroit 10
 Klosowski, Joseph.....8222 E. Outer Drive, Detroit
 Knabe, G. W., Jr. (A).....Henry Ford Hospital, Detroit
 Knaggs, Charles W.....12244 Gratiot, Detroit 5
 Knaggs, Earl J. (L).....3164 Biddle, Wyandotte
 Knapp, Byron S.....10909 W. Jefferson, River Rouge 18
 Knapp, Floyd B.....16565 Birwood, Detroit 21
 Knapp, W. L.....106 West Davison, Highland Park 3
 Knighton, R. S.....2199 W. Grand Blvd., Detroit
 Knights, E. M., Jr.....Harper Hospital, Detroit
 Knobloch, Edmund J.....5933 Chene, Detroit 11
 Knoch, Hubert S.....14149 E. Jefferson, Detroit 15
 Knox, Ross M.....9 Salliotte, Ecorse
 Kobernick, S. D.....6767 W. Outer Drive, Detroit 35
 Kobrak, Heinrich.....1419 David Whitney Bldg., Detroit 26
 Koebel, R. H.....14504 Mack Ave., Detroit 24
 Koerber, Edward J.....4876 Lakeview Ave., Detroit 13
 Kogut, C. S.....10627 Puritan, Detroit
 Kokowicz, Raymond J.....1056 Maccabees Bldg., Detroit 2
 Kopel, Joseph O.....10 Peterboro, Detroit 11
 Koran, V. L.....972 Maccabees Bldg., Detroit 2
 Koren, Louis.....1214 Griswold St., Rm. 610, Detroit 26
 Korum, L. W.....18585 E. Warren, Detroit
 Koschnitzke, Herman K.....2900 S. Fort, Detroit
 Kossayda, Adam W.....5605 Michigan Ave., Detroit 10
 Kovach, E. P.....14149 E. Jefferson, Detroit 15
 Kovan, D. D.....16965 Hamilton, Highland Park
 Koven, Abraham.....614 Professional Bldg., Detroit 1
 Kowaleski, J. J.....1104 Elm, Wyandotte
 Kozlinski, Anthony E.....2195 E. Grand Blvd., Detroit 11
 Krabbenhoft, K. L.....Harper Hospital, Detroit
 Kraft, Raymond B.....12408 Van Dyke, Detroit 34
 Kraft, Ruth M.....972 Fisher Bldg., Detroit 2
 Krakauer, Bernard.....767 Fisher Bldg., Detroit 2
 Krass, Edward W.....11088 Gratiot Ave., Detroit 5
 Kraus, John J.....16840 E. Warren, Detroit
 Krebs, William T.....16419 E. Warren, Detroit 24
 Kreinbring, George E.....4229 Mt. Elliott, Detroit 14
 Kretzschmar, John C.....535 E. Grand Blvd., Detroit 7
 Krevsky, D. A.....2015 Fort St., Lincoln Park
 Krevsky, Seymour.....2015 Fort St., Lincoln Park
 Krieg, Earl G. M.....1842 David Whitney Bldg.,
 Detroit 26
 Krieger, Harley L.....11390 Strathmore, Detroit 27
 Kritchman, M. J.....2314 David Broderick Tower,
 Detroit 26

Kroha, Lawrence A.....15124 Kercheval, Detroit 30
 Krohn, Albert H.....5137 Second Ave., Detroit 2
 Kroll, H. V.....7815 E. Jefferson, Detroit 14
 Krynicki, F. X.....15300 W. McNichols, Detroit
 Kubanek, Joseph L.....23134 Myrtle St., Dearborn
 Kucmierz, Francis S.....12181 Joseph Campau, Detroit 12
 Kuhn, Albert Arthur.....90 E. Warren, Detroit 1
 Kuhn, Richard F.....1700 Junction, Detroit 9
 Kulaski, Chester H.....9309 Jos. Campau, Detroit 12
 Kullman, Harold J. F.....Veterans Administration Hosp.,
 Dearborn
 Kurcz, Joseph A.....7433 Michigan, Detroit 10
 Kurnetz, Ruben.....18200 Wyoming, Detroit 21
 Kurtz, Harry C.....833 Barrington Road,
 Grosse Pointe Park 30
 Kurtz, I. J. (A).....503 Fox Theatre Bldg., Detroit 1
 Kutche, John D.....2057 W. Jefferson, Trenton
 Kuyawski, Walter.....20897 Littlestone, Detroit
 Kyle, W. V., Jr.....3430 Harrison, Inkster
 Kwasiborski, Stanley A.....2300 Oak St., Wyandotte
 Kyle, W. M., Jr.....3430 Harrison, Inkster
 Kyprie, H. M.....414 Kales Bldg., Detroit

 LaBerge, James M.....100 Oak St., Wyandotte
 LaBine, Alfred C.....8-259 General Motors Bldg., Detroit
 Laderach, D. C.....1217 David Whitney Bldg., Detroit 26
 La Ferte, Alfred D.....1401 David Whitney Bldg.,
 Detroit 26
 LaHood, M. J.....17555 James Couzens, Detroit 35
 Lake, R. C.....10700 Balbour Road, Detroit 24
 Lakoff, Charles.....10234 W. Seven Mile Road, Detroit 21
 Lam, Conrad R.....Henry Ford Hospital, Detroit 2
 Lamberson, Frank A.....19001 Grand River, Detroit 23
 Lammy, James V.....644 Maccabees Bldg., Detroit 2
 Lampman, H. H.....675 Fisher Bldg., Detroit 2
 Lang, E. F.....Harper Hospital, Detroit
 Lang, L. W.....5929 W. Outer Drive, Detroit 21
 Lange, William A.....3919 John R., Detroit
 Laning, George M.....1217 David Whitney Bldg.,
 Detroit 26
 Lansky, Mandell.....14427 Mack Ave., Detroit
 Large, A. M.....10 Peterboro, Room 210, Detroit
 Larkin, D. A.....27309 Plymouth Road, Detroit 28
 Larned, Richard I.....14182 Gratiot, Detroit
 Larson, C. J.....12820 Ward, Wyandotte
 Larsson, Bror H. (L).....Doctors Bldg.—Suite 401,
 3919 John R St., Detroit
 Lasichak, Andrew G.....908 Kales Bldg., Detroit
 Lasley, James William.....1026 Maccabees Bldg.,
 Detroit 2
 Lathrop, Philip L.....415 Book Bldg., Detroit 26
 Latimer, F. R.....28 W. Adams Ave., Detroit
 Latteier, K. K.....10 Peterboro, Detroit
 Lauppe, Edward H.....1650 David Whitney Bldg.,
 Detroit 26
 Lauppe, Frederick A.....1801 David Whitney Bldg.,
 Detroit 26
 Laupus, W. E.....25750 Outer Drive, Lincoln Park
 Laurisin, Eugene.....5290 W. Chicago, Detroit
 LaVielle, C. J.....1500 Kirtland Drive, Ann Arbor
 Lawhead, N. R.....7348 Kercheval, Detroit 14
 Lawrence, L. F.....17300 Schaefer, Detroit 35
 Lawson, John W.....18456 Grand River Ave., Detroit 23
 Lazar, Morton R.....7401 Third Ave., Detroit 2
 Leach, David.....865 Fisher Bldg., Detroit 2
 Leach, R. B.....1401 Rivard, Detroit 7
 Leacock, R. C.....10619 E. Jefferson, Detroit
 Leader, Luther R.....1129 David Whitney Bldg.,
 Detroit 26
 Leaver, L. Ross.....757 Lakewood, Detroit 15
 Lebamoff, Alexander T.....6586 Allen, Allen Park
 Lechner, M. S.....3787 Oakman Blvd., Apt. No. 2,
 Detroit 4
 Leckie, George C.....1355 David Whitney Bldg.,
 Detroit 26
 Lecklider, A. F.....Fisher Body Division, 601 Piquette,
 Detroit 2
 Lee, Harry E.....13616 Gratiot Ave., Detroit 5

Lee, L. E., Jr.....Wayne County General Hosp., Eloise
 LeGallee, George M.....15921 W. Seven Mile Road,
 Detroit 35
 Leibinger, Henry R.....511 Barrington Road,
 Grosse Pointe
 Leipsitz, Louis S.....3566 Cass, Detroit 1
 Leiser, Rudolf.....230 South Martha, Dearborn 7
 Leiter, Forrest C.....22375 W. Garrison, Dearborn
 Leithauser, D. J.....14540 E. Warren, Detroit
 Leland, Solomon.....6563 Grand River, Detroit 8
 Lemley, Clark F.....553 Fisher Bldg., Detroit 2
 Lemmer, J. A., Jr.....9300 Mack Ave., Detroit
 Lemmon, Charles E.....1337 David Whitney Bldg.,
 Detroit 26
 Lemon, Bruce K.....1202 Maccabees Bldg., Detroit 2
 Lentine, James J.....3485 Audubon, Detroit
 Lenz, Willard R.....418 Moran Road, Grosse Pointe 30
 Lepard, C. W.....1025 David Whitney Bldg., Detroit 26
 Lepley, Fred O.....13302 Kercheval, Detroit 15
 Lerman, S. E.....23700 Van Dyke, Van Dyke
 Lerman, Samuel I.....4400 Livernois, Detroit
 Lerner, L. H.....16901 W. McNichols, Detroit
 Lesesne, J. M.....17700 Mack Ave., Grosse Pointe
 L'Esperance, Simon P. (R).....Route 3,
 Woodslee, Ont., Canada
 Lessem, David.....19945 Prevost, Detroit 19
 Leszynski, J. S.....517 Professional Bldg., Peterboro and
 Woodward, Detroit 1
 Leucutia, Traian.....10 Peterboro, Detroit
 Levagood, Floyd B.....14056 Artesian, Detroit
 Levant, Arthur B.....15715 E. Warren, Detroit
 Levenson, M. L.....3205 Sherbourne Rd., Detroit 6
 Leventer, Ira.....2950 South Fort St., Detroit 17
 Levin, David M.....8819 Dexter Blvd., Detroit 6
 Levin, Herbert G.....17300 Schaefer, Detroit
 Levin, Michael M.....616 Maccabees Bldg., Detroit
 Levin, Samuel J.....469 Fisher Bldg., Detroit 2
 Levine, E. E.....Veterans Adm. Hospital, Dearborn
 Levine, S. S.....8233 W. Chicago, Detroit
 Levitt, Edward J.....840 Maccabees Bldg., Detroit 2
 Levitt, Irving.....19214 Santa Barbara, Detroit
 Levitt, Nathan.....607 Kales Bldg., Detroit
 Levy, D. B.....13003 Santa Clara, Detroit
 Levy, Marvin B.....13906 Woodward, Detroit 3
 Levy, S. H.....7441 W. Seven Mile Road, Detroit 21
 Lewin, Harry.....2457 Woodward Ave., Suite 702,
 Detroit 1
 Lewis, Charles T.....5050 Iov Road, Detroit 4
 Lewis, J. Hugh.....2956 Biddle, Wyandotte
 Lewis, L. A.....2730 E. Jefferson, Detroit 7
 Lewis, Wilfred John.....404 Professional Bldg., Detroit 1
 Libbrecht, Robert V.....6540 Park, Allen Park
 Lichter, M. L.....2900 Oakwood, Melvindale 25
 Lichtwardt, Hartman A.....432 Hancock Ave., E., Detroit
 Liddicoat, A. G.....20125 Fenkell, Detroit 23
 Lieberman, B. L.....19212 Woodward Ave., Detroit
 Lightbody, James J.....501 David Whitney Bldg.,
 Detroit 26
 Lignell, Rudolph W.....16259 James Couzens Hwy.,
 Detroit
 Lilly, Charles J.....2950 Puritan Ave., Detroit 21
 Lincoln, A. R.....15300 Kercheval, Detroit
 Linkner, Leonard S.....738 Maccabees Bldg., Detroit 2
 Lipinski, Stanley L.....7540 Michigan Ave., Detroit 10
 Lipkin, Ezra.....5715 Michigan Ave., Detroit 10
 Lipnik, C. E.....31619 Plymouth, Livonia
 Lipnik, Morris J.....15101 W. Seven Mile Rd., Detroit 35
 Lipschutz, Louis S.....19750 Chesterfield Road, Detroit 21
 Lipson, C. T.....Detroit Receiving Hosp., Detroit 26
 Lipson, Madeleine L.....7401 Third Ave., Detroit 2
 Lipton, Raymond F.....10 Peterboro, Detroit 1
 Litsky, Abraham D.....1183 E. Grand Blvd., Detroit 11
 Little, James W.....2050 Beverly Road, Berkley
 Livingood, Clarence.....Henry Ford Hosp., Detroit 2
 Lockhart, E. C.....4724 Tireman, Detroit
 Lockwood, Bruce C.....723 David Whitney Bldg.,
 Detroit 26

Lofstrom, James E.....1420 St. Antoine, Detroit 26
Long, Earle C.....2626 Rochester, Detroit 6
Long, John J.....12421 Monica, Detroit 4
Longo, Salvatore.....Detroit Memorial Hosp., Detroit
Longyear, Harold W.....3019 N. Woodward, Royal Oak
Lookanoff, Victor A.....Highland Park Gen. Hosp.,
Detroit 3
Loranger, C. B.....20825 Mack, Detroit
Loranger, Guy L.....34 Moross Road,
Grosse Pointe Farms
Lorber, J. H.....16558 Northlawn Ave., Detroit 21
Lorentzen, Edwin H.....11702 Grand River, Detroit 4
Lovas, W. S.....7704 Jackson, Dearborn
Love, W. Thomas.....231 E. Warren, Detroit 1
Lowe, Adolf W.....17559 Santa Rosa, Detroit 21
Lowe, Townsend G.....9430 Oakland, Detroit 11
Lowrie, William L., Jr.....Henry Ford Hosp., Detroit 2
Lowry, George L.....11601 E. Jefferson, Detroit 14
Lublin, Anna.....18412 Mack Ave., Detroit 24
Luby, E. D.....730 Maccabees Bldg., Detroit 2
Luce, Henry A. (E).....629 David Whitney Bldg.,
Detroit 26
Lukas, John R.....19212 W. Warren, Detroit 28
Lumpkin, John G., Jr.....243 East Warren, Detroit
Lutz, Earl F.....13-204 General Motors Bldg., Detroit 2
Lutz, S. J.....19355 Wisconsin, Detroit
Lynch, John M. (M).....F. A. Surgeon (R) F. E. H. Unit,
U. S. Public Health Service, Bethesda 14, Md.
Lynn, David H.....2900 S. Fort St., Detroit
Lynn, Harvey D.....2900 S. Fort St., Detroit 25
Lyons, William Harrington.....1012 Kales Bldg., Detroit 26
Lytle, Robert P.....411 Professional Bldg., Detroit 1
Maben, Hayward C., Jr.....9342 Oakland, Detroit 11
Mabley, J. Donald.....1139 David Whitney Bldg.,
Detroit 26
MacArthur, Robert A. (A).....95 Martin Place, Detroit 1
MacCracken, Frances L.....3752 Gladstone, Detroit 6
MacDougall, O. P.....13700 Woodward, Detroit
MacFarlane, Howard W.....1105 David Whitney Bldg.,
Detroit 26
MacGregor, William W.....6320 West Surrey-Foxcroft,
Birmingham
Mack, Harold C.....955 Fisher Bldg., Detroit 2
MacKenzie, Earle D.....81 E. Kirby, Detroit
MacKenzie, Edward P.....12801 E. Jefferson, Detroit 14
MacKenzie, Frank M.....641 David Whitney Bldg.,
Detroit 26
MacKenzie, John W.....289 Rivard Blvd.,
Grosse Pointe 30
Mackersie, W. G.....18205 Roselawn, Detroit 21
Mackey, G. S.....Henry Ford Hospital, Detroit 2
MacMillan, Francis B.....920 David Whitney Bldg.,
Detroit 26
MacMullen, Frank B. (R).....Box 393, Boca Raton, Fla.
MacPherson, K. C.....8100 E. Jefferson, Detroit 2
MacQueen, Malcolm D.....1654 1st Nat'l Bank Bldg.,
Detroit 26
Maczewski, John E.....9535 Jos. Campau, Detroit 12
Maddock, W. O. (M).....Wayne Univ. Col. of Medicine,
Detroit
Magnell, Ralph C.....8825 Puritan, Detroit
Maguire, Clarence E.....536 David Whitney Bldg.,
Detroit 26
Mahlin, M. S.....Harper Hospital, Detroit
Mahoney, Hugh M.....214 David Whitney Bldg., Detroit
Maibauer, Frederick P.....2966 Biddle, Wyandotte
Maino, Linus J.....2501 W. Grand Blvd., Detroit 8
Mainwaring, Rosser L.....15705 Jonas, Allen Park
Maire, Edward D.....15224 E. Jefferson, Grosse Pointe
Maitland, Ruth J.....Mich. Bell Telephone Co., Detroit
Majzoub, Ahmad J.....3334 Fort St., Lincoln Park
Malachowski, B. T.....2501 W. Grand Blvd., Detroit 8
Malik, Edward A.....11302 Chalmers, Detroit 5
Malik, Nur M. (A).....Holy Family Hospital,
Rawalpindi, Pakistan, India
Malina, Stephen.....1601 Kirkway Road,
Pontiac RFD No. 3

Malone, J. M.....17555 James Couzens, Detroit
Malone, Richard S. (M).....7424th USAF Hospital,
APO 132, New York, N. Y.
Maloney, John A.....1338 Maccabees Bldg., Detroit 2
Maltzer, Joseph H.....950 E. State Fair, Detroit 3
Mamos, Photius.....2170 E. Jefferson, Detroit 7
Mancuso, Vincent S.....962 E. Grand Blvd., Detroit 7
Mandiberg, Jack N.....12700 W. 7 Mile Road, Detroit
Mann, Andrew D.....16715 Harper, Detroit 24
Manning, Morey H.....950 E. State Fair, Detroit
Manz, H. N. (A).....1427 E. Jefferson, Detroit 7
Mapletoft, Kenneth E. (M).....320 S. Washington,
Neosho, Mo.
Marcotte, Oliver J.....2890 W. Grand Blvd., Detroit 2
Marecki, V. J.....7068 Michigan Ave., Detroit 10
Margules, S. Z.....2092 Ewald Circle, Detroit 38
Margulis, R. R.....Henry Ford Hospital, Detroit 2
Marinus, Carleton J.....303 David Whitney Bldg.,
Detroit 26
Mark, Hansi.....24270 Manistee, Oak Park
Mark, Jerome.....903 Kales Bldg., Detroit 26
Markey, Alexander P.....13810 Michigan Ave., Dearborn
Markey, Frank R.....17174 Fairfield, Detroit 21
Markoe, Rupert C. L.....4102 Brush St., Detroit 1
Marks, Ben.....902 Industrial Bank Bldg., Detroit 26
Marks, Bert W.....8250 Lincoln Drive, Huntington Woods
Marks, Morris H.....8233 W. Chicago, Detroit 4
Marsh, Alton R.....1218 Maccabees Bldg., Detroit 2
Marshall, James R.....14528 E. Jefferson, Detroit 15
Martin, Elbert A.....1151 David Whitney Bldg., Detroit 26
Martin, F. A.....801 David Whitney Bldg., Detroit 26
Martin, J. B., Jr.....449 E. Elizabeth, Detroit 1
Martin, L. R.....2000 Second Blvd., Detroit 26
Martin, M. T.....Delray Gen. Hospital, Detroit 17
Martin, Peter A.....17185 Muirland, Detroit 21
Martin, R. D. (M).....No Address
Martin, Wilbur C.....7440 W. Jefferson, Detroit 17
Martineau, P. C.....1151 Taylor Ave., Detroit
Martinez, Pedro O.....1439 Bagley, Detroit 16
Martmer, Edgar E.....526 Professional Bldg., Woodward
at Peterboro, Detroit
Marvel, Howard R.....Henry Ford Hospital, Detroit 2
Marwil, T. B.....16965 Hamilton, Highland Park
Mason, P. W.....13311 E. Jefferson, Detroit 15
Mateer, John G.....Henry Ford Hospital, Detroit 2
Mattman, Paul E.....1422 Seyburn, Detroit 14
Mattson, Theodore.....3919 John R, Detroit
Maun, Mark E.....1551 David Whitney Bldg., Detroit
Maxwell, J. Harvey.....2415 W. Grand Blvd., Detroit 2
May, Frederick T.....608 Kales Bldg., Detroit 26
Mayer, E. V.....16525 Woodward Ave., Detroit 3
Mayer, Willard D.....51 W. Boston Blvd., Detroit
Maynard, F. M.....6828 Park, Allen Park
McAlonan, William T.....10 Peterboro, Detroit 1
McAlpine, Gordon S.....658 Fisher Bldg., Detroit 2
McCadie, James H.....13700 Woodward, Detroit 3
McCandless, Virginia.....20390 Harper Road, Detroit 24
McCaughy, R. S.....Receiving Hospital, Detroit 26
McClaghry, R. I.....1401 Rivard, Detroit 7
McClelland, Rachel L.....33026 Five Mile Road, Livonia
McClellan, Robert J., Sr. (L).....906 Michigan Theater
Bldg., Detroit 26
McClellan, Robert J., II.....906-8 Michigan Theatre Bldg.,
Detroit
McClendon, James J.....503 E. Warren Ave., Detroit 1
McClintock, J. J.....16151 Schoolcraft, Detroit 27
McClure, Robert W.....1306 David Whitney Bldg.,
Detroit 26
McClure, William R.....954 Fisher Bldg., Detroit 2
McColl, Charles W.....2826 Biddle, Wyandotte
McColl, Clarke M.....Henry Ford Hospital, Detroit 2
McColl, K. M.....20323 Mack Ave.,
Grosse Pointe Woods 36
McCollum, E. B.....761 David Whitney Bldg., Detroit
McCord, Carey P.....University Hosp., 111 Maternity
Bldg., Ann Arbor
McCormick, Colin C.....222 Shaefer Bldg., Dearborn

McCullough, Lester E.....521 David Whitney Bldg.,
Detroit 26

McDonald, Angus L.....13856 Gratiot Ave., Detroit 5

McDonald, A. W. (L).....15015 Ward, Detroit 27

McDonald, William G.....7301 Schaefer Highway,
Dearborn

McDowell, D. B.....Wayne Co. Gen. Hospital, Eloise

McEvitt, William G.....2605 W. Grand Blvd., Detroit 8

McFadyen, Hugh A.....10 Peterboro, Detroit 1

McGarvah, A. W.....15105 W. Seven Mile Rd., Detroit 35

McGhee, Richard S.....10015 W. Eight Mile Road,
Detroit 21

McGillicuddy, Walter E.....511 Kales Bldg., Detroit 26

McGlaughlin, Nicholas D.....2312 Biddle Ave.,
Wyandotte

McGough, Joseph M.....18716 Grand River Ave.,
Detroit 23

McGuire, John F.....815 Kales Bldg., Detroit 26

McGuire, M. Ruth.....763 Fisher Bldg., Detroit 21

McIntosh, Robert O.....13000 Eckles Road, Livonia

McIntyre, W. B.....1233 Audubon, Detroit 30

McKean, G. Thomas.....1515 David Whitney Bldg.,
Detroit 26

McKean, Richard M.....1515 David Whitney Bldg.,
Detroit 26

McKeever, George E.....13349 Michigan Ave., Dearborn

McKenna, Charles J.....1130 E. Grand Blvd., Detroit 11

McKinnon, John D.....106 W. Davison, Detroit 3

McKnight, Robert E.....10030 W. McNichols Road,
Detroit 21

McLane, Harriet E.....4350 Oregon, Detroit 4

McLean, Don W.....1066 Fisher Bldg., Detroit 2

McLean, Harold G.....10 Peterboro, Detroit 1

McMorrow, Kathryn J.....18278 Biltmore, Detroit 35

McPherson, R. J.....12626 Meyers Road, Detroit 27

McQuiggan, Mark R.....1050 Fisher Bldg., Detroit 2

McQuiggan, Thelma.....Wayne County Gen'l Hosp., Eloise

McRae, Donald H. (L).....275 W. Grand Blvd., Detroit 16

Meek, S. F.....13020 Kilbourne, Detroit

Mellen, Hyman S.....622 Maccabees Bldg., Detroit 2

Mellinger, R. C.....Henry Ford Hospital, Detroit 2

Mellins, Harry Z.....Sinai Hospital, Detroit

Melnik, M. P. (A).....19479 Burlington Drive, Detroit 3

Menagh, Frank R.....Henry Ford Hospital, Detroit 2

Mendelssohn, R. J.....14427 Mack, Detroit 24

Mendoza, Samuel.....4400 Livernois, Detroit 10

Merkel, Charles C.....85 Kercheval, Grosse Pointe 30

Merrill, William O.....958 Fisher Bldg., Detroit 2

Merritt, Earl G.....10 Peterboro, Detroit 1

Mersky, Charlotte I. (A).....32215 Queensboro Ave.,
Farmington

Metes, John S.....1261 Fairholme Road,
Grosse Pointe Woods 30

Metzger, Harry C.....25504 Wareham, Huntington Woods

Meyer, Ruben.....18254 Livernois, Detroit 21

Meyers, Marjorie.....5320 John R St., Detroit 2

Meyers, Maurice P.....7411 Third Ave., Detroit 2

Meyers, Sidney.....19635 Mack Ave., Detroit

Meyers, Solomon G.....1320 Maccabees Bldg., Detroit 2

Michael, Michael J.....703 Mutual Bldg., Detroit

Michels, Julius.....9424 Mack Ave., Detroit

Mihay, Benjamin (M).....14876 Warwick St., Allen Park

Mikesell, Wesley B., Jr.....21124 Goddard Rd., Dearborn

Millard, Glenn E.....2900 W. Grand Blvd., Detroit 2

Miller, Daniel H.....8011 W. Vernor Highway, Detroit 9

Miller, Elmer B.....10 Peterboro, Detroit 1

Miller, Karl L.....1101 David Whitney Bldg., Detroit

Miller, M. H.....27243 Southfield, Lathrop Vill.,
Birmingham

Miller, M. M.....10514 E. Jefferson, Detroit 14

Miller, Thomas H.....1305 David Whitney Bldg.,
Detroit 26

Miller, William Ernest.....10 Peterboro, Detroit 1

Milliken, L. D.....Henry Ford Hospital, Detroit 2

Mills, Clinton C.....16190 James Couzens Highway,
Detroit 21

Milton, S. B.....600 Palmerston, River Rouge

Mimura, J. T.....1419 David Whitney Bldg., Detroit 26

Mintz, Edward I.....7401 Third Ave., Detroit 2

Mintz, Morris J.....16895 Livernois, Detroit 21

Miral, Solomon P.....4858 E. Davison, Detroit 12

Mishelevich, Sophie.....4651 E. Nine Mile Road, Van Dyke

Miskinis, Martyna.....393 W. Grand Blvd., Detroit

Missavage, Edward, Jr. (M).....Wayne Co., Gen. Hosp.,
Eloise

Mitchell, Augustus W. (M).....314 Visger Road,
River Rouge

Mitchell, C. Leslie.....Henry Ford Hospital, Detroit 2

Mitchell, D. P.....7713 Oakland, Detroit 11

Mitchell, Gertrude F.....650 W. Bethune, Detroit 2

Mitchell, Ralston S.....243 E. Warren, Detroit

Moehlig, Robert C.....964 Fisher Bldg., Detroit 2

Mogill, George.....3150 Second Ave., Detroit 6

Moisides, V. P.....1205 Stroh Bldg., Detroit 26

Moll, Clarence D.....10 Peterboro, Detroit 1

Molnar, S. K.....4525 S. Telegraph, Dearborn

Molner, Joseph G.....334 Bates St., Detroit

Mond, Edward.....1812 David Broderick Tower, Detroit 26

Monson, Robert C.....16404 E. Warren, Detroit 24

Montante, Joseph R.....14447 W. Seven Mile Road,
Detroit 35

Montgomery, John C.....25622 Coolidge Highway,
Huntington Woods

Monto, Raymond W.....Henry Ford Hospital, Detroit 2

Moore, J. W.....8507 W. Eight Mile Road, Detroit 21

Moore, W. R.....541 David Whitney Bldg., Detroit 26

Mopper, Coleman.....14633 E. Seven Mile Road, Detroit 5

Morand, Louis J.....641 David Whitney Bldg., Detroit 26

Morgan, Donald N.....1807 David Whitney Bldg.,
Detroit 26

Moriarty, George J.....770 Fisher Bldg., Detroit 2

Morin, J. B. (L).....14416 Beach Road, Detroit 23

Morita, Yoshikazu.....1401 Rivard, Detroit 7

Moritz, H. C.....1053 David Whitney Bldg., Detroit 26

Morley, A. R.....2301 23rd St., Wyandotte

Morley, Harold V.....773 Fisher Bldg., Detroit 2

Morley, James A.....10520 Plymouth Ave., Detroit 4

Moroun, S. J.....8045 E. Jefferson, Detroit 14

Morris, Harold L.....1069 Fisher Bldg., Detroit 2

Morse, Plinn F.....Harper Hospital, Detroit 1

Morton, David G.....19445 Plymouth Road, Detroit 28

Morton, John B. (E).....90 E. Warren, Detroit 1

Mosee, W. Jones.....5205 Hastings, Detroit 11

Mosen, Max M.....8015 Harper, Detroit 13

Moses, J. W.....970 Fisher Bldg., Detroit 2

Moss, Ervin B.....1907 Pingree, Detroit 6

Moss, Nathan H.....2847 Trumbull, Detroit 16

Moss, Selma S.....18254 Livernois, Detroit 21

Mossman, J. D.....1052 Maccabees Bldg., Detroit 21

Mott, Carlin P.....2395 W. Grand Blvd., Detroit 8

Moulton, Charles W. (A).....106 N. Silver St., Olney, Ill.

Mullen, J. R.....19003 Ecorse Road, Allen Park

Munson, Henry T. E.....14344 E. Jefferson, Detroit

Murphy, D. J.....10 Peterboro, Detroit 1

Murphy, John M.....17700 Mack Ave., Grosse Pointe 24

Murphy, Robert T.....113 Martin Place, Detroit 1

Murphy, Scipio G.....603 E. Forest, Detroit 1

Murphy, W. M.....10500 Warren East, Detroit 14

Murray, G. M.....8045 E. Jefferson, Detroit

Murray, Thomas H.....19345 West McNichols, Detroit 19

Murray, William A.....11841 Ohio Ave., Detroit 4

Muske, Paul H.....5605 Michigan Ave., Detroit 10

Myers, D. W.....224 Professional Bldg., Detroit 1

Myers, Gordon B.....1512 St. Antoine, Detroit

Nagle, John W.....114 Maple, Wyandotte

Nahigian, Russell.....15801 W. McNichols Road, Detroit 35

Nahoun, Antoine E.....2201 E. Jefferson, Detroit

Naud, Henry J.....18456 Grand River Ave., Detroit 23

Nawotka, E. E.....6531 Longacre, Detroit

Naylor, A. H.....10033 Tireman, Dearborn

Neeb, Walter G.....16840 E. Warren, Detroit

Nehra, John N.....18514 Mack Ave., Detroit 36

Neill, Edwin J.....8045 E. Jefferson, Detroit 14

Nelson, Darwin M.....153 W. Grand Blvd., Detroit 16

Nelson, Harry M.....1067 Fisher Bldg., Detroit 2

Nelson, Victor E.....7345 Fenkell, Detroit

Newman, Ernest.....17371 Evergreen, Detroit 19
 Newman, M. K.....16861 Wyoming Ave., Detroit
 Nickel, W. O.....VA Hospital, Dearborn
 Nickels, Albert W.....471 Fisher Bldg., Detroit 2
 Nickerson, I. D.....6245 Golfview Drive, Birmingham
 Nielsen, Aage E.....10 Peterboro, Detroit 1
 Nigro, Norman D.....10 Peterboro, Detroit 1
 Nill, John B.....15001 E. Warren, Detroit 24
 Nill, William F.....15001 E. Warren, Detroit 24
 Noble, William C.....4045 W. Jefferson, Ecorse 18
 Nolan, Bernard E.....1056 Maccabees Bldg., Detroit 2
 Nolte, E. C. (M).....1716 Bu Don Court, Columbia, S. C.
 Nolting, Wilfred S. H.....15850 E. Warren, Detroit 24
 Norconk, A. A.....859 Fisher Bldg., Detroit 2
 Norcott, Edith S.....16350 Mack Ave., Detroit 24
 Norris, Edgar H.....Alden Park Manor, Detroit 14
 Northcross, David C.....668 Winder, Detroit 1
 Norton, A. B.....1076 Maccabees Bldg., Detroit
 Norton, Charles S. (L).....3503 14th St., Detroit 8
 Noshay, William C.....Henry Ford Hospital, Detroit 2
 Novack, Richard L.....9928 Farmington Road, Livonia
 Novy, R. L.....858 Fisher Bldg., Detroit 2
 Nowicki, Joseph A.....3841 Junction, Detroit 10
 Nunn, James W.....106 W. Davison, Detroit 3
 Nyboer, Jan.....Harper Hosp., Detroit 1
 O'Brien, E. J.....307 David Whitney Bldg., Detroit 26
 O'Brien, G. M.....2501 West Grand Blvd., Detroit 8
 Obushkevich, L. S.....10149 Michigan Ave., Dearborn
 O'Connor, Kathryn L.....14301 Grand River Ave.,
 Detroit 27
 O'Donnell, Charles H.....10 Peterboro, Room 504, Detroit
 O'Donnell, David H. (E).....2501 W. Grand Blvd., Detroit
 O'Donnell, Dayton H., Jr.....2501 W. Grand Blvd.,
 Detroit
 Oetting, E. M.....8045 E. Jefferson, Detroit 14
 O'Hare, W. J.....3000 Schaeffer Highway, Dearborn
 Ohmart, Galen B.....8721 E. Jefferson, Detroit 14
 Ohrt, Harold F.....285 E. Grand Blvd., Detroit 7
 Okun, Milton H.....3261 Sherbourne Road, Detroit 21
 Olechowski, Leo, Cmdr, MC USN, (M).....Navy 824,
 Box 2, FPO, San Francisco, Calif.
 Olen, Alex.....13100 Harper, Detroit 13
 O'Linn, Francis P.....1055 Fisher Bldg., Detroit 2
 Olmsted, George S.....18530 Grand River Ave., Detroit 23
 Olson, James A.....28 W. Adams, Suite 911, Detroit 26
 Oman, Cyrus F.....12608 Wyoming Ave., Detroit 4
 Onoda, B. Y.....6819 Asbury Park, Detroit 28
 Oppenheim, J. M.....1050 Fisher Bldg., Detroit 2
 Orecklin, Leo.....914 Maccabees Bldg., Detroit 2
 Organ, Fred W.....10304 Woodward Ave., Detroit 2
 Ormond, John K. (A).....1169 N. Woodward, Birmingham
 OrNSTein, Charles.....19504 Kelly Road, Detroit 24
 O'Rourke, Paul V.....307 David Whitney Bldg.,
 Detroit 26
 O'Rourke, R. M.....7384 Twelfth St., Detroit 6
 Osius, Eugene A.....901 David Whitney Bldg., Detroit 26
 O'Sullivan, G. S.....14300 W. McNichols, Detroit 35
 Otlewski, Eugene A.....853 Fisher Bldg., Detroit 2
 Ott, Harold A.....3019 N. Woodward Ave., Royal Oak
 Ottaway, John P.....1337 David Whitney Bldg., Detroit 26
 Owen, Clarence I.....4160 John R., Detroit 1
 Owen, James A.....67 E. Forest, Detroit 1
 Palmer, Alice E.....3919 John R., Detroit 1
 Palmer, M. R.....7624 Dexter Blvd., Detroit 3
 Palmisano, I. J.....25447 Plymouth Rd., Detroit 28
 Pangburn, L. E.....7 Avalon, Detroit
 Panic, Stephen M.....1001 W. Seven Mile Rd., Detroit 12
 Parcels, Frank H.....1014 Buckingham Rd., Detroit
 Paris, Delmo A.....Alexander Blain Hosp., Detroit 7
 Parker, Benjamin R.....17306 W. 7 Mile Rd., Detroit 19
 Parnell, John W.....
 1297 Lochmoor Blvd., Grosse Pointe Woods, 30
 Parr, Robert W.....8-265 General Motors Bldg., Detroit 2
 Parsons, John P.....
 808 Grand Marais, Grosse Pointe Park 30
 Past, W. L. (A).....Henry Ford Hosp., Detroit
 Pasternacki, Robert T.....6203 Chene, Detroit 11
 Paterson, Walter G. (L).....471 Fisher Bldg., Detroit 3

Pawlowski, Jerome I.....2009 East Grand, Detroit
 Payne, Eugene H.....
 P.O. Box 118, Roosevelt Park Annex, Detroit 32
 Payne, W. A., Jr.....Henry Ford Hosp., Detroit 2
 Paysner, Harry A.....13700 Woodward Ave., Detroit 3
 Peabody, Charles W.....474 Fisher Bldg., Detroit
 Pearce, A. J.....15317 Piedmont, Detroit 23
 Pearlman, C. L. R.....1509 Kales Bldg., Detroit
 Pearlman, Jack.....14146 Bramell, Detroit 23
 Pearce, H. A.....852 Fisher Bldg., Detroit
 Peat, A. C.....2201 E. Jefferson, Detroit 7
 Pedersen, Herbert E.....1209 Kales Bldg., Detroit
 Peggs, George F.....5419 Livernois, Detroit 10
 Penberthy, G. C.....1515 David Whitney Bldg., Detroit 26
 Pender, George V.....
 1808 David Broderick Tower, Detroit
 Pender, John M.....1401 David Whitney Bldg., Detroit 26
 Pensler, Leslie.....8844 Joy Rd., Detroit
 Pensler, Meyer M.....8844 Joy Rd., Detroit
 Pequegnot, Charles F. (L).....
 6283 W. Outer Dr., Detroit
 Percy, D. F.....106 W. Davison, Highland Park 3
 Perdue, Grace M.....762-63 Fisher Bldg., Detroit 2
 Perkin, Frank S.....970 Fisher Bldg., Detroit 2
 Perlis, H. L.....1036 Maccabees Bldg., Detroit 2
 Perrin, E. V.....2509 Southern, S.E., Washington, D. C.
 Peterman, Earl A.....13700 Woodward, Detroit 3
 Peters, Wm. R.....12400 E. Seven Mile Rd., Detroit 5
 Peterson, R. A.....17581 Prest, Detroit 35
 Petix, Samuel C.....19207 Schaefer, Detroit 21
 Petoskey, Edward A.....6004 West Fort, Detroit 9
 Petty, Thomas A. (M).....
 1204 Yorkshire, Grosse Pointe Park
 Peven, P. S.....18709 Meyers Rd., Detroit
 Pevin, Pauline.....18709 Meyers Rd., Detroit 21
 Pfeiffer, Rudolph L. (L).....469 E. Grand Blvd., Detroit 7
 Phillips, B. E.....7600 John R., Detroit
 Phillipson, Chester.....7411 Third Street, Detroit
 Picard, J. D.....13349 Michigan Ave., Dearborn
 Piccone, Louisa.....10605 W. Warren, East Dearborn
 Pichette, J. W.....15146 Michigan Ave., Dearborn
 Pickard, Orlando W.....952 Fisher Bldg., Detroit 2
 Pierson, M. J.....1030 Maccabees Bldg., Detroit
 Pietraszewski, A. W.....10338 Jos. Campau, Detroit 12
 Pinckard, Karl G.....932 Mason St., Dearborn
 Pingel, J. F.....10637 W. Ten Mile Rd., Oak Park
 Pink, Rose M.....11413 Jos. Campau, Detroit
 Pinney, L. J.....28 W. Adams Ave., Detroit
 Pino, Ralph H.....208 David Whitney Bldg., Detroit 26
 Piper, Ralph R.....1530 McKinstry Ave., Detroit 7
 Pittman, J. E.....1613 David Whitney Bldg., Detroit 26
 Platz, Carol K.....11368 Kelly Rd., Detroit
 Playnick, H. M.....13300 Fenkell, Detroit
 Pliskow, Harold.....10730 W. Seven Mile Rd., Detroit 21
 Podolsky, Harold M.....2785 S. Fort, Detroit 25
 Poirier, Ralph A.....1405 Mutual Bldg., Detroit 26
 Polentz, Charles P.....10 Peterboro, Detroit 1
 Polk, John E. (M).....8742 Twelfth St., Detroit 6
 Pollack, John J.....18200 Wyoming Ave., Detroit 21
 Ponka, Joseph L.....Henry Ford Hosp., Detroit 2
 Pool, Walter D.....20901 Morross Rd., Detroit
 Poos, Edgar E.....554 Fisher Bldg., Detroit 2
 Porretta, Anthony C.....11146 Gratiot, Detroit 5
 Porretta, F. S.....1076 Maccabees Bldg., Detroit 2
 Porter, F. G.....14001 Greenfield, Detroit 27
 Porter, Howard J. (R).....36911 Goddard Rd., Romulus
 Portnoy, Harry.....4253 Leslie, Detroit
 Posch, J. L.....1410 Kales Bldg., Detroit
 Posner, Irving.....12901 W. 7 Mile Rd., Detroit 21
 Potts, E. B.....8943 12th St. Detroit 6
 Pratt, Jean P. (L).....18910 Fairway Dr., Detroit 21
 Pratt, Lawrence A.....
 Doctors Bldg., Suite 800, 3919 John R., Detroit
 Prendergast, John J.....4436 Soles Rd., Dryden
 Prescod, H. J.....Wayne County Gen'l Hosp. Eloise
 Preston, Ruth E.....460 Fisher Bldg., Detroit 2
 Price, Alvin Edwin.....313 David Whitney Bldg., Detroit
 Price, A. Hazen.....62 W. Kirby, Detroit 2

Priest, R. J.....Henry Ford Hosp., Detroit
Prince, A. E.....18060 Conant, Detroit 34
Prisbe, Edward J.....16603 Plymouth Rd., Detroit 27
Priver, Julian.....6741 W. Outer Dr., Detroit 35
Procailo, A. B.....29627 Ford Rd., Garden City
Proctor, Bruce.....1419 David Whitney Bldg., Detroit 26
Proud, Robert H.....26151 Huron River Dr., Flat Rock
Prust, F. W. (M).....Harper Hosp., Detroit
Pugh, G. B.....Receiving Hospital, Detroit
Pugh, Howard C.....
1165 David Whitney Bldg., Detroit 26
Pugliesi, Benedetto.....9489 E. Outer Dr., Detroit 5
Purcell, Frank H.....
1808 David Broderick Tower, Detroit 26
Purves, William H. L.....1767 Guardian Bldg., Detroit 26
Quigley, Eugene H.....22340 Michigan, Dearborn
Quigley, William G.....742 Maccabees Bldg., Detroit
Quinn, Edward L.....Henry Ford Hosp., Detroit 2
Rabinovitch, Bella.....4063 Waverly, Apt. 106, Detroit
Rahm, Lambert P.....14411 E. Jefferson, Detroit 19
Raiford, F. P.....1308 Broadway, Detroit 26
Raiford, Frank P., Jr.....631 E. Vernor Hwy., Detroit 1
Ramsey, R. H.....861 Monroe, Dearborn
Randall, David S.....1765 W. Fort St., Lincoln Park
Raskin, Herbert A.....611 Kales Bldg., Detroit 26
Raskin, Morris.....987 E. Jefferson, Detroit
Rastello, Peter B.....6307 W. Fort St. Detroit 9
Rau, Frederick W.....113 Martin Place, Detroit
Ray, K. J.....2336 Van Alstyne Blvd., Wyandotte
Raynor, Harold F.....
Room 700, 13700 Woodward Ave., Detroit 3
Rebuck, John W.....Henry Ford Hosp., Detroit
Redding, Lowell G.....1336 Southfield, Lincoln Park 25
Reder, Benjamin.....20731 Evergreen, Detroit 19
Redfern, William E.....Henry Ford Hosp., Detroit 2
Reed, Everett Hobart (A).....40321 Webb, Detroit
Reed, H. Walter.....8150 Grand River Ave., Detroit 4
Reed, Ivor E.....305 David Whitney Bldg., Detroit 26
Reed, Joseph O., Jr.....434 St. Clair, Grosse Pointe 30
Rees, Howard C.....15700 Mack Ave., Detroit 24
Reichling, R. J. (A).....
18514 Mack, Grosse Pointe Farms 30
Reid, John Gilbert.....
1337 David Whitney Bldg., Detroit 26
Reid, Wesley G.....974 Fisher Bldg., Detroit 2
Reiff, Morris V.....10241 Joy Rd., Detroit
Reinbolt, Charles A. (L).....
33570 Quaker Valley Rd., Farmington
Reinsh, Ernest R.....18674 Muirland Ave., Detroit
Reisman, Nathan J.....1122 Maccabees Bldg., Detroit 2
Reisman, S. G.....1078 Maccabees Bldg., Detroit
Reive, David L.....24401 Plymouth, Detroit 28
Rennell, Leo P.....2567 West Grand Blvd., Detroit 8
Renton, George W.....1530 Seward, Apt. 209, Detroit
Retenbach, R. F.....314 David Whitney Bldg., Detroit 26
Reveno, William S.....958 Fisher Bldg., Detroit 2
Reyner, C. E.....515 Professional Bldg., Detroit 1
Reynolds, Lawrence.....10 Peterboro, Detroit 1
Reynolds, R. P.....858 Fisher Bldg., Detroit 2
Rezanka, H. J.....952 Westchester Rd., Grosse Pointe 30
Rhoades, Francis P.....970 Maccabees Bldg., Detroit 2
Rice, Harold B.....10 Peterboro, Detroit 1
Richardson, Allan L. (R).....
Route 2, Box 76, Zephyr Hills, Fla.
Richardson, Robert P.....3714 Monroe, Wayne
Richardson, Robert P.....564 Fisher Bldg., Detroit 2
Rick, Paul J.....4227 Mt. Elliott, Detroit 7
Ridge, Ralph W.....100 Oak St., Wyandotte
Rieckoff, George C.....14905 E. Jefferson Ave., Detroit 15
Rieden, J. A.....2567 W. Grand Blvd., Detroit 8
Rieg, John F.....5695 W. Vernor Hwy., Detroit 9
Rieger, John B.....1265 David Whitney Bldg., Detroit 26
Rieger, Mary H.....746 Pallister, Detroit
Riethmiller, Robert F. (M).....
623 Pemberton Rd., Detroit 30
Rinkel, Robert W.....6586 Allen Rd., Allen Park
Riseborough, E. C.....90 E. Warren, Detroit 1
Ritter, George.....15801 W. McNichols, Detroit 35
Rizzo, Albert.....11631 Mack Ave., Detroit 14
Rizzo, Paul.....14874 Seymour, Detroit 5
Robb, Edward L.....17380 Livernois, Detroit
Robb, Herbert F.....381 S. Main St., Belleville
Robb, J. Milton (L).....
633 David Whitney Bldg., Detroit 26
Roberts, Arthur J.....1310 Warwick, Lincoln Park
Robertson, S. B.....962 Fisher Bldg., Detroit
Robins, Samuel C.....18963 Jas. Couzens Hwy., Detroit 21
Robinson, Fred L.....13530 Michigan, Dearborn
Robinson, George W. (L).....
1701 E. Grand Blvd., Detroit 11
Robinson, Howard.....953 Fisher Bldg., Detroit
Robinson, H. A.....10040 Yellowstone Ave., Detroit 4
Robinson, J. H., Jr. (A).....
1553 W. Grand Blvd., Detroit 8
Robinson, R. G.....3751 31st St., Detroit 10
Roe, Chester, Jr.....16646 Woodingham Dr., Detroit 21
Roeglin, O. F. F.....
18412 Mack Ave., Grosse Pointe Farms 30
Rogers, Aaron Z.....
20451 Mack Ave., Grosse Pointe Woods
Rogers, C. S.....Henry Ford Hosp., Detroit 2
Rogers, George E. B.....
2108 David Broderick Tower, Detroit 26
Rogers, James D.....2966 Biddle Ave., Wyandotte
Rogers, J. T.....16921 James Couzens Hwy., Detroit 19
Rogin, James R.....3027 David Stott Bldg., Detroit 26
Rogoff, Abraham S.....676 Maccabees Bldg., Detroit 2
Rohde, Paul C.....12282 E. Outer Drive, Detroit 24
Rom, Jack.....8600 W. McNichols Rd., Detroit 35
Roman, Stanley J.....742 Maccabees Bldg., Detroit 2
Ronayne, J. J.....16116 W. McNichols Rd., Detroit
Roney, Eugene H.....17187 Schaefer Hwy., Detroit
Rosbolt, Oscar P.....8505 Plymouth Rd., Detroit 4
Rosefield, John L.....65 W. Hancock, Detroit 1
Rosen, Harold M.....8620 W. McNichols, Detroit 21
Rosen, T. S.....18700 Meyers, Detroit
Rosenbaum, Herbert.....19776 Snowden Ave., Detroit 35
Rosenbloom, Alvin B.....17555 Parkside, Detroit 21
Rosenthal, Louis H.....1318 Maccabees Bldg., Detroit
Rosenthal, Samuel A.....16350 Hamilton, Detroit 3
Rosenwach, F. F.....19149 W. 7 Mile Rd., Detroit 19
Rosenzweig, Saul R.....
2114 David Broderick Tower, Detroit 26
Ross, B. C.....4493 14th St., Detroit
Ross, Donald G.....
654 St. Clair at Kercheval, Grosse Pointe
Ross, Hyman D.....19149 Joy Rd., Detroit 28
Rotarius, Edward M.....
1030 South Brys Dr., Grosse Pointe Woods 36
Roth, Edward T.....640 E. Grand Blvd., Detroit 7
Roth, Theodore L.....60 W. Hancock, Detroit
Rothman, Emil D.....19467 Livernois, Detroit 21
Rothman, H. R.....20171 Canterbury, Detroit 21
Rottenberg, Leon.....13419 Fenkell, Detroit 27
Rourke, R. F.....3390 Piquette, Detroit 11
Rottenberg, C. M. J.....13419 Fenkell, Detroit
Rowda, Michael S.....2001 E. Grand Blvd., Detroit 11
Rowe, J. J.....14138 Kentfield, Detroit 23
Royer, R. R.....16840 E. Warren Ave., Detroit 24
Rucker, Julian J.....668 Farnsworth Ave., Detroit 2
Ruedemann, A. D.....
1018 Three Mile Dr., Grosse Pointe Park
Ruedemann, A. D., Jr.....
1633 David Whitney Bldg., Detroit 26
Rueger, Milton J.....708 Kales Bldg., Detroit 26
Rueger, Ralph C.....9149 E. Jefferson, Detroit 14
Runge, Edward F.....25449 Rouge River Dr., Dearborn
Rupe, C. E.....2799 W. Grand Blvd., Detroit
Rupp, Jacob R.....7056 W. Fort St., Detroit 9
Rupprecht, E. F.....5525 W. Chicago, Detroit
Ruskin, Samuel H.....
1306 David Broderick Tower, Detroit 26
Russell, John C. (L).....2934 Davidson St. E., Detroit 3
Rutzen, Arthur C.....771 Fisher Bldg., Detroit 2
Rutzky, Julius.....5224 St. Antoine, Detroit 2
Ryan, James M.....19207 Schaefer Rd., Detroit 35

Ryan, W. D.....6389 Tuxedo, Detroit
 Rydzewski, Jos. B.....12170 Jos. Campau, Detroit 12
 Ryerson, F. S. (M).....Capt. MC, USAH, Camp Chaffee
 Sack, Anthony G.....2567 W. Grand Blvd., Detroit 8
 Sa'di, Lutfi M.....525 Professional Bldg., Detroit 1
 Sadler, Henry H., Jr.....15 Kercheval, Detroit
 Sadzikowski, Joseph T.....1320 N. Denwood, Dearborn
 Sage, Bernard A.....1013 Haigh, Dearborn
 Sage, Edward O. (E).....415 Burns Dr., Detroit
 Sage, Thomas.....7815 E. Jefferson, Detroit 14
 Sager, Edward L.....13902 Gratiot Ave., Detroit 5
 St. Amour, Hector J.....9545 Grand River, Detroit
 St. Louis, R. J.....10909 W. Jefferson, River Rouge 18
 Sakorraphos, Stelios N.....1346 Broadway, Detroit 26
 Salchow, Paul T., Med. Dir.....
 Herman Kiefer Hosp., Detroit
 Salisbury, Carolyn S.....527 Professional Bldg., Detroit
 Salamon, James L.....
 Ford Motor Corp., P.O. Box 3668, Highland Park 3
 Salowich, John N.....15235 Harrison, Allen Park
 Saltzstein, Harry C.....966 Fisher Bldg., Detroit 2
 Sand, Harry H.....24110 Oxford, Dearborn
 Sander, F. V., Jr.....344 Glendale, Highland Park
 Sander, Irvin W.....5050 Cass Ave., Detroit 2
 Sanders, Alex W.....920 Maccabees Bldg., Detroit 2
 Sanderson, Alvord R.....
 978 Pemberton Rd., Grosse Pointe Park
 Sanderson, Susanne M.....
 The Shelton Hotel, 15 E. Kirby, Detroit
 Sandler, Nathaniel.....1004 Kales Bldg., Detroit 26
 Sandweiss, D. J.....9739 Dexter Blvd., Detroit 6
 Sapala, M. Andrew.....6356 Dexter Blvd., Detroit 6
 Saraf, L. B.....14540 E. Warren, Detroit
 Sargent, Richard C.....17357 Fenkell Ave., Detroit 27
 Sargent, William R.....17357 Fenkell Ave., Detroit 27
 Sarracino, J. B. (M).....
 97th Gen. Hosp., APO 757, c/o P.M., New York, N. Y.
 Sauber, B. J.....Ford Rouge Plant, Dearborn
 Sauk, J. J.....302 W. McNichols Rd., Detroit
 Sauter, Simon H.....1082 E. Grand Blvd., Detroit 7
 Savignac, Eugene M.....4777 E. Outer Dr., Detroit 12
 Scarney, Herman D.....573 Fisher Bldg., Detroit 2
 Schaefer, R. L.....1206 Kales Bldg., Detroit 26
 Schaefer, R. L., Jr.....1204 Kales Bldg., Detroit 26
 Schaeffer, Martin.....18275 Warrington, Detroit 21
 Schane, David (A).....17157 Mendota, Detroit 21
 Scheinberg, Schayel.....966 Fisher Bldg., Detroit
 Schembeck, I. S.....1655 David Whitney Bldg., Detroit 26
 Schiff, Donald W. (A).....1211 Joliet St., Aurora, Colo.
 Schiller, A. E.....1737 David Whitney Bldg., Detroit
 Schillinger, Harold K.....4838 Neckel, Dearborn
 Schimek, R. A.....Henry Ford Hosp., Detroit 2
 Schkloven, Norman.....20051 Warrington, Detroit 21
 Schlafer, Nathan H.....
 1806 David Broderick Tower, Detroit 26
 Schlemer, John H.....13826 Dexter Blvd., Detroit 6
 Schlesinger, Henry.....13544 Woodward, Detroit 3
 Schmaltz, J. D.....1701 David Broderick Tower, Detroit
 Schmidt, Harry E.....667 Fisher Bldg., Detroit 2
 Schmidt, Milton R.....2615 W. Jefferson, Trenton
 Schmidt, Werner F.....1807 Stroh Bldg., Detroit
 Schmier, Burton L.....5440 Cass, Detroit 2
 Schmitt, Norman L.....101207 W. McNichols, Detroit 21
 Schneck, R. J.....641 David Whitney Bldg., Detroit 26
 Schneider, Charles L.....22148 Michigan Ave., Dearborn
 Schneider, Curt P.....655 Fisher Bldg., Detroit 2
 Schoenfield, G. D.....8830 W. McNichols Rd., Detroit
 Schooten, Sarah S.....
 13700 Woodward Ave., Highland Park 3
 Schorr, Robert L. (E).....1325 E. Jefferson, Detroit 7
 Schreiber, Frederic.....10 Peterboro, Detroit 1
 Schroeder, Carlisle F.....7815 E. Jefferson, Detroit
 Schuknecht, Harold F.....Henry Ford Hosp., Detroit 2
 Schulte, Carl H.....808 Mutual Bldg., Detroit 26
 Schultz, Ernest C.....840 David Whitney Bldg., Detroit 26
 Schwartz, Benjamin.....275 W. Grand Blvd., Detroit 16
 Schwartz, H. A.....7605 Puritan, Detroit 21
 Schwartz, Louis A.....861 Fisher Bldg., Detroit 2

Schwartz, Oscar D.....7441 W. Seven Mile Rd., Detroit
 Schwartzberg, Jos. A.....19445 Plymouth, Detroit
 Schweigert, C. F.....10627 Cadieux, Detroit 24
 Schwocho, N. H.....6525 Park, Allen Park
 Sciarrino, Stanley V.....15388 Livernois, Detroit 21
 Scott, Marriion U.....79 Kercheval, Grosse Pointe 36
 Scott, R. J.....7333 W. 7 Mile Rd., Detroit 21
 Scott, William J.....79 Kercheval, Grosse Pointe 36
 Scruton, Foster D. (A).....5419 Livernois, Detroit 10
 Seabrooks, B. F., Jr.....9136 Oakland Ave., Detroit
 Secord, Eugene W.....761 Fisher Bldg., Detroit
 Seeley, James B.....5460 Shaefer Rd., Dearborn 2
 Seeley, Ward F.....1807 David Whitney Bldg., Detroit 26
 Segar, Laurence F.....
 1410 David Broderick Tower, Detroit 26
 Segel, N. P.....2116 David Stott Bldg., Detroit 26
 Seibert, Alvin H. (L).....
 1180 Bedford Rd., Grosse Pointe Parke 30
 Seiferlein, A. L.....508 David Whitney Bldg., Detroit 26
 Self, William G.....19365 Mack Ave., Detroit
 Seligson, Alvin (M).....1505 Morris Ave., Bronx 57, N. Y.
 Sellers, Charles W.....2314 W. Grand Blvd., Detroit 8
 Sellers, Graham A.....2405 W. McNichols Rd., Detroit 21
 Serrester, Bernard F.....18650 W. Warren, Detroit 10
 Seski, Arthur G.....863 Fisher Bldg., Detroit 2
 Sewell, George.....1116 David Whitney Bldg., Detroit 26
 Sewell, Guy W.....16321 Mack Ave., Detroit 24
 Shada, J. C.....18424 Mack Ave., Grosse Pointe Farms 36
 Shafarman, Eugene M.....5320 John R., Detroit 2
 Shaffer, Jos. H.....2401 Rodner Dr., Birmingham
 Shaffer, Loren W.....
 325 Kercheval, Grosse Pointe Farms 36
 Shafter, Royce R.....655 Fisher Bldg., Detroit 2
 Shanoski, Stanley J.....728 Maccabees Bldg., Detroit 2
 Shapiro, I. Allen.....4400 Livernois, Detroit 21
 Shapiro, Jacob.....15085 E. Seven Mile Rd., Detroit
 Shapiro, Reuben I.....636 Maccabees Bldg., Detroit
 Sharp, Elwood.....635 Neff Rd., Detroit 30
 Sharrer, Charles H.....16840 E. Warren, Detroit 24
 Shekerjian, Armen.....20194 Wakefield, Detroit 21
 Shelden, Warren E.....14215 W. McNichols Rd., Detroit
 Sheldon, J. A. (L).....
 1435 Three Mile Dr., Grosse Pointe Park 30
 Shellhamer, C. S.....438 Maccabees Bldg., Detroit
 Shelton, C. F.....910 David Broderick Tower, Detroit 26
 Sheppard, Emma L. W. (R).....
 7245 Engleman Ave., Centerline
 Sherman, Nimrod.....3413 McDougall, Detroit 7
 Sherman, William LaRue.....10 Peterboro, Detroit 1
 Sherman, Wm. L., Jr. (M).....201 E. Kirby, Detroit 2
 Sherrin, E. R.....17555 James Couzens Hwy., Detroit 35
 Shewchuk, Alexander P.....7300 Allen Rd., Allen Park
 Shields, William L.....18600 Woodward, Detroit 3
 Shifrin, Peter G.....767 Fisher Bldg., Detroit 2
 Shiovitz, Louis.....5419 Michigan Ave., Detroit 10
 Shipley, R. E. (M).....
 San Francisco Naval Shipyard, San Francisco 24, Calif.
 Shipton, W. H. (A).....c/o General Delivery, Naples, Fla.
 Shlain, Benjamin.....10244 W. 7 Mile Rd., Detroit
 Shortz, Gerald.....General Delivery, Bloomfield Hills
 Shotwell, Carlos W. (L).....1411 Atkinson Ave., Detroit 6
 Shreve, Alfred J.....10149 Michigan, Dearborn
 Shulak, Irving B.....
 1714 David Broderick Tower, Detroit 26
 Shulman, Herschel A.....1120 Maccabees Bldg., Detroit 2
 Shumaker, E. J.....773 Fisher Bldg., Dearborn 2
 Siddall, Roger S.....955 Fisher Bldg., Detroit 2
 Sieber, Edward H.....15146 Michigan Ave., Dearborn
 Siefert, John L.....12645 Gratiot, Detroit 5
 Siefert, William A.....17400 Grand River Ave., Detroit 27
 Siegel, Henry.....10440 W. 7 Mile Rd., Detroit 21
 Sievers, Lorraine A.....Harper Hosp., Detroit 1
 Sigler, J. W.....Henry Ford Hosp., Detroit 2
 Sill, Jack A.....19635 Mack Ave., Detroit 30
 Sillery, R. J.....1511 David Whitney Bldg., Detroit 26
 Silverman, I. Z.....9103 Van Dyke, Detroit 13
 Silver, I. W.....20000 W. Chicago, Detroit 28
 Silverman, Maurice M.....3925 Joy Rd., Detroit 6

Silverman, Max.....11340 Dexter Blvd., Detroit 6
 Simmons, Donald R. (M).....815 Kales Bldg., Detroit
 Simon, Emil R.....1020 Maccabees Bldg., Detroit 2
 Simon, Heinz G.....5097 Balfour Rd., Detroit 24
 Simpson, G. E.....8721 E. Jefferson, Detroit
 Simpson, Clarence E. (L).....18448 Prest, Detroit 35
 Sims, W. S.....11665 Joseph Campau, Detroit 12
 Sinclair, James W.....16404 E. Warren, Detroit 24
 Singer, Floyd W.....24441 Emerson, Dearborn
 Sippola, George W.....13603 LaSalle, Detroit 6
 Sisson, John M.....17320 W. McNichols, Detroit 35
 Skully, Edward J.....13535 Woodward Ave., Detroit 3
 Sklover, J. I.....1326 E. 7 Mile Rd., Detroit 3
 Sladen, F. J. (L).....Henry Ford Hosp., Detroit
 Slahetka, Vincent E.....7435 Michigan, Detroit 10
 Slangenhuapt, J. G.....600 Griswold, Suite 602, Detroit 26
 Slaughter, F. M.....455 E. Adams, Detroit 26
 Slazinski, Leo W.....7618 Michigan, Detroit 10
 Slevin, John G.....
 1304 David Broderick Tower, Detroit 26
 Sliwin, E. P.....641 David Whitney, Detroit
 Slutzky, Gilbert.....18943 Monica, Detroit
 Slusky, Joseph.....1826 Oakman Blvd., Detroit
 Sly, R. F.....22213 Tenny, Dearborn
 Small, Henry.....11507 Hamilton, Detroit 3
 Small, John.....655 Fisher Bldg., Detroit 2
 Smathers, H. M.....14219 W. McNichols, Detroit 35
 Smathers, W. M.....14219 W. McNichols, Detroit 35
 Smeck, Arthur R. (L).....1036 Waterman, Detroit 9
 Smith, Clarence V.....1716 E. Grand Blvd., Detroit 11
 Smith, Claude A. (L).....7 Adams Lane, Dearborn 2
 Smith, D. H.....1800 Tuxedo, Detroit 6
 Smith, F. J.....369 Wimbeldon Dr., Birmingham
 Smith, Henry L.....16401 Grand River Ave., Detroit 27
 Smith, J. Allen.....14140 Puritan, Detroit 27
 Smith, J. C. (A).....(No Address)
 Smith, Richmond W., Jr.....Henry Ford Hosp., Detroit 2
 Smith, R. F.....2799 W. Grand Blvd., Detroit
 Smolenski, J. J.....5149 Joy Rd., Detroit 4
 Smyka, E. J.....6111 Charles, Detroit 12
 Smyka, Stanley M.....716 Kales Bldg., Detroit 26
 Snedeker, Bernard C.....18800 Woodward Ave., Detroit 3
 Snider, J. J. (M).....22699 Van Dyke, Van Dyke
 Snow, L. W.....508 W. Main St., Northville
 Snyder, Arthur M.....
 13700 Woodward Ave., Suite 503, Detroit 3
 Sobel, Robert A.....18254 Livernois, Detroit 21
 Socall, Charles J.....8500 Mt. Elliott, Detroit 11
 Sokol, William M.....10 Peterboro, Detroit 1
 Sokolov, Raymond A.....755 Fisher Bldg., Detroit 2
 Solomon, Abraham B.....4067 Tyler, Detroit 4
 Sonda, Lewis P.....544 David Whitney Bldg., Detroit 26
 Sorock, Milton L.....19467 Livernois, Detroit 21
 Sosin, Allen.....23603 Farmington Rd., Farmington
 Spademan, Loren C.....
 1013 David Whitney Bldg., Detroit 26
 Speck, Carlos C.....6525 Park Ave., Allen Park
 Spector, Maurice J.....12504 E. Jefferson, Detroit 15
 Spero, Gerald D.....7330 W. Seven Mile Rd., Detroit 21
 Sperry, Frederick L.....463 Fisher Bldg., Detroit 2
 Sphire, R. D.....4160 John R., Detroit
 Spiro, Adolph S.....11255 Mack Ave., Detroit 15
 Springborn, B. R.....15818 E. Warren, Detroit 24
 Sprunk, Carl J.....869 Fisher Bldg., Detroit 2
 Squires, W. H.....Wayne County General Hosp., Eloise
 Stafford, Frank W. J.....1111 Griswold, Detroit
 Stalker, Hugh.....411 Fisher Rd., Grosse Pointe 30
 Stamell, B. B.....658 Maccabees Bldg., Detroit
 Stamell, Meyer.....14634 Greenfield, Detroit
 Staniszewski, Casimir.....1301 W. Grand Blvd., Detroit
 Stanton, James M.....1001 Mutual Bldg., Detroit
 Stanton, Myron R.....3400 W. Warren, Detroit 8
 Stapleton, William J., Jr. (E).....
 641 David Whitney Bldg., Detroit 26
 Starrs, Thomas C. (L).....
 509 Fox Theater Bldg., Detroit 1

Staryk, Steven E.....
 1010 N. Oxford, Grosse Pointe Woods 36
 Staub, Howard P.....9210 Jerome, Detroit 39
 Staudt, L. W.....Chrysler Corporation, Highland Park 3
 Stearns, A. B.....504 Doctors Bldg., Detroit 1
 Stebbins, Charles E.....856 Fisher Bldg., Detroit
 Steele, C. H.....1144 David Whitney Bldg., Detroit 26
 Steele, Catherine H.....7720 E. Jefferson, Detroit
 Stefani, E. L.....18455 James Couzens Hwy., Detroit 35
 Stefani, Raymond T.....13516 Stoepel, Detroit 4
 Steffensen, Ellis H.....Henry Ford Hosp., Detroit
 Stein, Albert H.....19334 San Juan Dr., Detroit 21
 Stein, Emory.....13115 Woodward Ave., Detroit 3
 Stein, James R.....125 W. 9 Mile Rd., Ferndale
 Stein, Saul C.....23105 Van Dyke, Van Dyke
 Steinbach, Albert L. (M).....
 1229 David Whitney Bldg., Detroit
 Steinbach, Henry B.....411 Lakeland, Grosse Pointe
 Steinberger, Eugene.....
 12901 W. Seven Mile Rd., Detroit 35
 Steinberger, Eugene J.....6409 W. Fort St., Detroit 9
 Steiner, Frederick B.....29627 Ford Rd., Garden City
 Steiner, Gabriel.....10 Peterboro, Detroit 1
 Steiner, L. J.....12636 Chelsea Ave., Detroit 13
 Steinhart, Milton J.....670 Maccabees Bldg., Detroit 2
 Stellinghorn, Chester E.....12900 W. 7 Mile Rd., Detroit 21
 Stellinghorn, Mary Christine.....16616 Mack Ave., Detroit
 Stempel, E. M.....17550 Ohio, Detroit 21
 Sterba, Richard F.....1130 Parker, Detroit 14
 Sterling, Robert R.....
 1541 David Whitney Bldg., Detroit 26
 Stern, Edward A.....12710 Dexter, Detroit 6
 Stern, H. L.....14137 Warwick, Detroit 23
 Stern, Julian.....1314 David Whitney Bldg., Detroit 26
 Stern, L. H.....22699 Van Dyke, Van Dyke
 Stern, Louis D.....1049 David Whitney Bldg., Detroit
 Stevens, C. H.....15422 Manor, Detroit 21
 Stevenson, Charles S.....1405 Kales Bldg., Detroit
 Stewart, Lula Belle.....8635 Dexter Blvd., Detroit 6
 Stewart, M. N., Jr.....411 Professional Bldg., Detroit
 Stewart, Marjorie R.....25750 Outer Dr., Lincoln Park
 Stewart, Thomas O.....17187 Schaefer Hwy., Detroit 35
 Stiefel, Daniel M.....
 1563 David Whitney Bldg., Detroit 26
 Stillwater, Karl.....18311 Appoline, Detroit 35
 Stirling, A. M.....10 Peterboro, Detroit 1
 Stith, Dwight E.....505 Owen, Detroit 11
 Stobbe, Godfrey D.....Grace Hospital, Detroit
 Stocker, Lawrence L.....7330 W. Seven Mile Road,
 Detroit 21
 Stocker, M. L.....116 N. Adams St., Ypsilanti
 Stockwell, B. W.....703 Doctors Bldg., 3919 John R,
 Detroit
 Stokfisz, Thaddeus.....7012 Michigan Ave., Detroit 10
 Stone, S. L.....7411 Third Ave., Detroit 2
 Straith, Claire L.....2605 West Grand Blvd., Detroit 8
 Straith, R. E.....2605 W. Grand Blvd., Detroit 8
 Strand, Martin E.....22400 Cherry Hill, West Dearborn
 Stratton, D. P.....17110 Third St., Detroit
 Stricker, Henry D.....5624 W. Fort St., Detroit 9
 Strickroot, Fred L.....707 Kales Bldg., Detroit
 Strohschein, D. F.....1063 Fisher Bldg., Detroit 2
 Strutz, Wm. C.....1553 Woodward Ave., Detroit
 Stryker, Joan C.....2853 Biddle St., Wyandotte
 Stryker, Walter A.....Wyandotte Gen. Hosp., Wyandotte
 Stubbs, C. T.....13930 Woodward, Detroit 3
 Stubbs, Harold W.....13930 Woodward, Detroit 3
 Stump, George D.....1314 David Whitney Bldg., Detroit 26
 Sugar, David I.....13120 Broadstreet, Detroit
 Sugar, H. Saul.....311 Kales Bldg., Detroit
 Sugarman, Marcus H.....9739 Dexter, Detroit 6
 Sullivan, Hugh A.....1053 David Whitney Bldg., Detroit 26
 Sullivan, J. J. Jr., (M).....440 East 23rd St.,
 New York, N. Y.
 Sultzman, L. C.....474 Fisher Bldg., Detroit
 Summers, William A.....1613 David Whitney Bldg.,
 Detroit 26

Summers, William S. (L).....1613 David Whitney Bldg.,
Detroit

Surbis, John P.....22277 Long Blvd., Dearborn

Sutherland, Jacob M.....662 Fisher Bldg., Detroit 2

Suwinski, R. H.....9243 Joseph Campau, Detroit 12

Swan, Lionel F.....3400 McDougall, Detroit 7

Swanson, Carl W.....936 Alter Road, Detroit 15

Swanson, Cleary N.....16921 James Couzens Highway,
Detroit 2

Swanson, Robert G.....936 Alter Road, Detroit

Swartz, F. G., Jr.....1229 David Whitney Bldg., Detroit

Sweeny, Donald N., Jr.....8445 E. Jefferson, Detroit 14

Swift, Karl L.....869 Fisher Bldg., Detroit 2

Swihart, J. J.....912 Kales Bldg., Detroit 26

Switzer, Bertrand C. (R).....17354 James Couzens, Detroit

Syphax, C. S., Jr.....1819 E. Davison, Detroit

Szappanyos, B. J. (M).....2567 W. Grand Blvd., Detroit

Szilagyi, D. Emerick.....14638 Stahelin, Detroit 23

Szladek, F. J.....4045 W. Jefferson, Ecorse

Szmigiel, A. J.....7527 E. 7 Mile Road, Detroit 34

Talbot, Frank G. (M).....19154 Westmoreland, Detroit 19

Tallant, Edward J.....14001 Greenfield, Detroit

Talmers, Frederick.....Receiving Hospital, Detroit

Tamblyn, E. J.....15315 E. Jefferson, Detroit 30

Tanner, Natalia M.....8033 Twelfth St., Detroit 6

Tapert, Julius C.....888 Chalmers, Detroit 15

Tasker, Helen E.....76 W. Adams, Detroit

Tassie, Ralph N.....14060 Saratoga, Detroit

Tatellis, Gabriel A.....1011 E. Grand Blvd., Detroit

Tatchman, Maurice.....410 Kales Bldg., Detroit 26

Taurence, William H.....1860 Ford, Wyandotte

Taylor, Aaron.....19438 Whitcomb, Detroit

Taylor, Ivan B.....504 Doctor Bldg., 3919 John R,
Detroit

Taylor, J. L.....1566 W. Grand Blvd., Detroit

Taylor, Nelson M.....654 St. Clair, Grosse Pointe 30

Taylor, W. V.....895 Coplin, Detroit 15

Tazzioli, Henry A.....21970 Moross Road, Detroit 36

Tear, Malcolm J. J.....5008 Trumbull Ave., Detroit 8

Teitelbaum, Myer.....405 Kales Bldg., Detroit 26

Tenaglia, Thomas A.....9 Salliotte, Ecorse 18

Tencerowicz, Rudolph G.....2925 Lehman, Detroit 12

Tesluk, Henry.....Henry Ford Hospital, Detroit 2

Texter, Elmer C.....7457 Gratiot Ave., Detroit 13

Thompson, Arthur Lee.....6125 Scotten, Detroit 10

Thompson, H. E.....2212 Clinton, Detroit

Thompson, H. O.....6014 W. Fort, Detroit 9

Thompson, W. A.....6125 Scotten, Detroit 10

Thomson, Daniel C.....2966 Biddle Ave., Wyandotte

Thornell, Harold E.....4839 Beaubien, Detroit 1

Thornton, J. A.....525 Visger, Ecorse

Thosteson, George C.....1139 David Whitney Bldg.,
Detroit 26

Thumann, R. C., Jr.....1757 David Whitney Bldg.,
Detroit

Thumim, Sadie.....15306 Joy Road, Detroit

Ting, Y. M.....3515 West Point, Dearborn

Tkaczuk, Dmytro.....10345 Joseph Campau, Detroit 12

Toaz, Robert B.....13700 Woodward, Detroit 3

Tobin, J. S.....2860 Clark St., Detroit

Todoroff, Theodore.....904 S. Military, Dearborn

Tolbert, Vassal G.....3705 Hastings, Detroit 1

Tomsu, Charles L.....6170 Michigan Ave., Detroit 10

Torres, Estelle.....3985 Caniff, Detroit

Torres, Raul M., Jr.....3985 Caniff, Detroit 12

Tourkow, L. P.....4741 Fullerton, Detroit 38

Townsend, Frank M.....1551 Trumbull, Detroit 16

Trader, Kenneth N.....951 Fisher Bldg., Detroit 2

Tregenza, W. K.....18530 Grand River, Detroit

Tremain, Harold L.....106 W. Davison, Detroit

Trinkaas, W. F.....20601 Harper, Detroit 36

Trisler, J. J.....651 Fisher Bldg., Detroit

Troester, George A.....1140 Maccabees Bldg., Detroit

Thombino, James F.....2567 W. Grand Blvd., Detroit 8

Trombley, Joseph J.....18595 Grand River Ave.,
Detroit 23

Truba, Paul K.....1409 Kales Bldg., Detroit 26

Trudeau, J. M.....14807 W. McNichols Road, Detroit 35

Truszkowski, Edward G.....St. Francis Hospital, Detroit 12

Trythall, S. W.....13300 Livernois, Detroit 4

Tulloch, John.....923 David Whitney Bldg., Detroit

Tupper, Roy D.....15101 W. 7 Mile Road, Detroit 19

Turbett, Claude W. (L).....4230 Commonwealth Ave.,
Detroit 8

Turcotte, Vincent J.....14015 Gratiot, Detroit 5

Turkel, Henry.....1302 Industrial Bank Bldg., Detroit 26

Turnbull, Jack V.....22340 Michigan, Dearborn

Turner, John J.....25447 Plymouth Road, Detroit

Tuttle, W. M.....307 David Whitney Bldg., Detroit

Tuynman, Peter E.....20032 W. McNichols Rd., Detroit 19

Ujda, Chester J.....3106 Washington, Wayne

Ulbrich, Henry L. (L).....1540 Torrey Road,
Grosse Pointe Woods 30

Ulmer, A. A.....14616 E. Seven Mile Road, Detroit 5

Ulrich, Willis H.....22365 Grand River, Detroit

Umphrey, Clarence E.....15300 W. McNichols Road,
Detroit 35

Unkefer, W. T.....1063 Fisher Bldg., Detroit 2

Usher, William Kay.....15605 Kercheval, Detroit 30

Usndek, Harold E.....14632 E. Seven Mile Road, Detroit

Vale, C. Fremont (R).....2615 Via Tuscany,
Winter Park, Fla.

Van Becelaere, L. A.....1860 Ford, Wyandotte

VandenBerg, Henry J., Jr.....816 David Whitney Bldg.,
Detroit 26

Van Eck, James E.....9165 Whittier, Detroit 24

VanHoek, Donald E.....2001 Lancaster,
Grosse Pointe Woods

Van Hoey, A. F.....19154 James Couzens, Detroit

Van Raaphorst, L. F.....1306 Kales Bldg., Detroit 26

Van Riper, Steven L.....1490 Iroquois, Detroit 14

Van Slyck, E. J.....2201 E. Jefferson, Detroit 7

Vardon, Edward M.....12897 Woodward Ave., Detroit 3

Vasu, V. O.....4829 Woodward, Detroit 1

Veldhuis, A. H.....Henry Ford Hospital, Detroit 2

Veling, William F.....1060 Fisher Bldg., Detroit 2

Vogel, Hyman A.....29901 Ford Road, Garden City

Vokes, Milton D.....10182 Gratiot Ave., Detroit

Vonder Heide, E. C.....17190 Strathmore, Detroit 21

Vorwald, A. J.....1401 Rivard, Detroit 7

Vossler, A. E.....825 David Whitney Bldg., Detroit 26

Waddington, J. E. G. (E).....3818 Northwestern,
Detroit 6

Waggoner, C. Stanley.....541 David Whitney Bldg.,
Detroit 26

Waggoner, Lyle G.....404 David Whitney Bldg., Detroit 26

Wainger, Max J.....1012 David Broderick Tower,
Detroit 26

Wainstock, Michael A.....1508 David Broderick Tower,
Detroit 26

Wakeman, Everal M.....22276 Garrison, Dearborn

Waldbott, George L.....2930 W. Grand Blvd., Detroit 2

Walker, George L.....1209 Kales Bldg., Detroit 26

Walker, J. Paul.....15510 Mack Ave., Grosse Pointe 30

Walker, Roger V.....1255 David Whitney Bldg., Detroit 26

Walkowiak, Robert G.....716 Kales Bldg., Detroit 26

Wallace, S. Willard.....7815 E. Jefferson, Detroit 14

Wallaert, Arthur.....1305 Kales Bldg., Detroit 26

Walls, Arch.....17201 W. McNichols Road, Detroit

Walser, Howard Carleton.....566 Fisher Bldg., Detroit 2

Walsh, Francis P.....205 Professional Bldg., Detroit 1

Walter, Arthur W.....14201 Rutland, Detroit 27

Walter, Floyd J.....18714 Grand River, Detroit 23

Walters, Albert G.....11078 Gratiot Ave., Detroit 5

Waltz, Paul J.....16127 Woodward Ave., Detroit 3

Wangner, William F.....7220 Gratiot Ave., Detroit 13

Ward, C. H.....904 Kales Bldg., Detroit

Warner, J. F.....7850 E. Jefferson, Detroit 14

Warner, P. L.....10314 Puritan, Detroit 21

Warren, Irving A.....4100 W. McNichols Road,
Detroit 21

Warren, Wadsworth.....1144 David Whitney Bldg.,
Detroit 26

Wasserman, Harold.....1328 Maccabees Bldg., Detroit

Wassermann, Lewis C.....300 W. McNichols Rd., Detroit 3

Waszak, Charles J.....2501 West Grand Blvd., Detroit 8
Watkins, T. W. (M).....605 Blake St., Killeen, Texas
Watson, Douglas J.....15101 Plymouth Road, Detroit
Watson, Harwood G.....935 S. Military, Dearborn
Watson, J. Edwin.....2536 W. Grand Blvd., Detroit 8
Watts, Frederick B.....16321 Mack, Detroit
Watts, J. C.....7360 Twelfth St., Detroit 6
Watts, Joseph.....742 Maccabees Bldg., Detroit 2
Watts, J. J. (A).....7360 Twelfth St., Detroit 6
Wayne, Morris A.....18474 Roselawn, Detroit 21
Weaver, Clarence E.....113 Martin Place, Detroit 1
Weaver, Delmar F.....571 Fisher Bldg., Detroit
Weber, Karl W.....16400 E. Warren, Detroit 27
Webster, John E.....840 David Whitney Bldg., Detroit 26
Weed, Milton R.....1997 E. Grand Blvd., Detroit 11
Wehenkel, Albert M. (L).....7356 12th St., Detroit 6
Weidner, J. H.....c/o Dearborn Engineering Lab.,
21500 Oakwood, Dearborn
Weiner, Maurice B.....1114 Maccabees Bldg., Detroit 2
Weingarten, David.....13240 Vassar Drive, Detroit
Weingarten, J. S.....275 W. Grand Blvd., Detroit 16
Weinstein, Jacob.....4237 Grand River Ave., Detroit 8
Weisberg, A. A.....20 W. Seven Mile Road, Detroit
Weisberg, Harry.....15101 W. McNichols Road, Detroit 21
Weisberg, Jacob.....15101 W. McNichols Road, Detroit 35
Weisenthal, Irvin.....5764 Woodward, Detroit 2
Weiser, Frank A.....4162 John R, Detroit
Weiss, Casimer P.....10040 Joseph Campau, Detroit 12
Weiss, C. F.....20323 Mack Ave., Grosse Pointe Woods
Weiss, J. G.....7740 Third, Detroit 2
Weiss, Woodrow W. (A).....60 W. Hancock, Detroit 1
Welch, John H.....18550 W. Outer Drive, Dearborn 7
Welch, W. K. (M).....No Address
Weller, Charles N.....730 Watervale Road, Arcadia
Wells, Martha L.....760 Fisher Bldg., Detroit
Weltman, Carl G.....1701 David Whitney Bldg., Detroit 26
Wendel, Jacob S. (L).....744 David Whitney Bldg.,
Detroit 26
Wenzel, Jacob F.....1006 Kales Bldg., Detroit 26
Werle, Peter Paul.....1420 St. Antoine, Detroit 26
West, G. A.....6310 Mack Ave., Detroit 7
West, H. G.....12739 Puritan, Detroit 27
Westmaas, William J.....310 E. Jefferson, Detroit 7
Weston, Bernard.....3200 Tyler, Detroit 6
Weston, Earl E.....18101 James Couzens Highway,
Detroit 21
Weston, Horace L.....703 Mutual Bldg., Detroit 26
Weston, Jean K.....444 Lodge Drive, Detroit 14
Weyher, Russell F.....5383 Oakman Blvd., Detroit 4
Whalen, Neil J.....1515 David Whitney Bldg., Detroit 26
Wharton, Thomas V.....1809 Oak St., Wyandotte
Wheeler, S. C.....19207 Schaefer, Detroit 21
Whelan, Joseph L.....28 West Adams Ave., Detroit 26
Whinnery, Randall A.....752 Fisher Bldg., Detroit 2
Whitcomb, C. E. (M).....15756 Kentfield St., Detroit 23
White, Donald H.....1313 Cleveland, Lincoln Park 25
White, D. L.....10410 Moross, Dearborn
White, Milton W.....2329 E. Grand Blvd., Detroit 11
White, Prosper D.....66 Tuxedo, Highland Park
White, Theodore M.....7159 Michigan Ave., Detroit 10
Whitehead, Leston S.....1718 David Whitney Bldg.,
Detroit 26
Whitehead, Walter K.....413 David Whitney Bldg.,
Detroit 26
Whiteley, Robert K.....541-3 David Whitney Bldg.,
Detroit 26
Whitlock, E. H.....1809 Oak St., Wyandotte
Whitney, Elmer L.....2 Kenberton Dr., Pleasant Ridge
Whitney, Rex E.....5525 W. Chicago Blvd., Detroit 4
Whittaker, Alfred H.....1427 E. Jefferson, Detroit 7
Wiant, John L. (M).....309 Professional Bldg., Detroit 1
Wiechowski, Henry E.....10345 Joseph Campau, Detroit
Wiener, Israel.....13011 W. McNichols Road, Detroit 35
Wiener, Morton J.....612 Kales Bldg., Detroit 26
Wieterson, Fred K.....260 Manor Road, Route 2
Birmingham
Wight, Fred B.....1048 David Whitney Bldg., Detroit 26
Wikiera, Edward S.....15020 Michigan Ave., Dearborn 2
Wilcox, L. F.....110 Professional Bldg., Detroit 1
Wiley, William M.....17041 Waveney, Detroit 24
Wilhelm, R. E. (M).....530 N. Telegraph Rd., Dearborn 7
Wilhelm, Seymour K.....13011 W. McNichols Road,
Detroit 21
Wilkinson, A. P.....974 Fisher Bldg., Detroit 2
Williams, C. R.....987 E. Jefferson, Detroit 7
Williams, Clarence J.....15324 E. Jefferson,
Grosse Pointe Park 30
Williams, Delford G., Jr.....8540 12th St., Detroit
Williams, Eugene.....10149 Michigan, Dearborn
Williamson, J. G. (A).....3660 McKinley, Dearborn
Wilner, I. A.....17701 W. McNichols Road, Detroit 35
Wilson, Andrew G.....4741 Spokane, Detroit
Wilson, G. S.....4741 Spokane, Detroit 4
Wilson, Gerald A.....4741 Spokane, Detroit 4
Wilson, M. C.....15439 Harper, Detroit 24
Wilson, Stuart C. (L).....10 Peterboro, Detroit 1
Winnick, Laurence C.....19120 Snowden, Detroit
Winton, George J.....1007 David Stott Bldg., Detroit 26
Wise, Robert K.....15801 W. McNichols, Detroit 35
Wishropp, E. A.....227 Kenwood Court, Grosse Pointe
Wittenberg, Arthur A.....7101 W. Chicago, Detroit
Wittenberg, Samson S.....934 Maccabees Bldg., Detroit 2
Wittenberg, Sydney S.....4400 Livernois, Detroit 10
Witter, Joseph A.....344 Glendale, Detroit 3
Witus, Carl.....18412 Mack Ave., Detroit 24
Witus, Morris.....9036 Dexter Blvd., Detroit 6
Wolever, T. H.....Henry Ford Hospital, Detroit 2
Wolfe, Max O.....7-260 General Motors Bldg., Detroit 2
Wollank, Helen Wilson.....15324 East Jefferson, Detroit 30
Wollenberg, R. A. C. (L).....939 David Whitney Bldg.,
Detroit 26
Wolter, J. G.....Mt. Carmel Mercy Hosp., Detroit 21
Wood, A. L.....25001 Ford Road, Dearborn
Wood, D. J.....2860 Clark St., Detroit 10
Wood, G. P.....2730 E. Jefferson, Detroit 7
Wood, Kenneth A.....3919 John R, Detroit 1
Wood, W. C.....463 Fisher Bldg., Detroit
Woodward, Douglas.....4515 Trumbull, Detroit 8
Woodworth, W. P. (L).....17387 Quincy Ave., Detroit 21
Woelfenden, Joseph B.....16321 Mack Ave., Detroit
Worzniak, Joseph J.....2312 Biddle St., Wyandotte
Wreggit, Winston R.....79 Highland Ave., Detroit 3
Wright, C. H.....1549 W. Grand Blvd., Detroit 8
Wruble, Joseph.....411 Seldon, Detroit
Wunsch, Richard E.....7815 E. Jefferson, Detroit 14
Yamasaki, Ken.....1514 David Broderick Tower, Detroit 26
Yarrows, Morton.....455 Medbury, Detroit
Yates, Arthur J. W.....8045 E. Jefferson, Detroit
Yesayan, H. G.....609 Kales Bldg., Detroit 26
Yetzer, William J.....511 Professional Bldg., Detroit 2
Yoder, R. R.....41001 E. Seven Mile Road, Northville
Yott, William J.....854 Lakeshore Drive, Grosse Pointe
Young, Donald A.....14807 W. McNichols, Detroit
Young, Donald C.....1151 Taylor Ave., Detroit 2
Young, I. I.....Detroit Receiving Hospital, Detroit 26
Young, Lloyd B.....857 Fisher Bldg., Detroit 2
Young, Viola M.....10 Peterboro, Detroit 1
Young, Watson A., Maj. M.C. (M).....97th Gen. Hosp.,
APO 757, New York, N. Y.
Youngstrom, Clarence.....791 E. Grand Blvd., Detroit
Zabinski, Edward J.....19036 Van Dyke, Detroit 12
Zackheim, Herschel S.....22265 Garrison, Dearborn
Zawacki, Sigmund.....22214 Ford Road, Dearborn
Zawadzki, E. S.....14961 Piedmont Ave., Detroit
Zbikowski, Joseph.....Wayne Co. Gen. Hosp., Eloise
Zbikowski, Z. T.....Wayne Co. Gen. Hosp., Eloise
Zbudowski, Myron R.....2758 Belmont, Hamtramck
Zemens, Joseph L.....13061 E. Eight Mile Road,
East Detroit
Ziegler, Robert F.....Henry Ford Hospital, Detroit
Zielinski, C. J.....18900 W. Warren, Detroit
Zinn, George H.....641 David Whitney Bldg., Detroit 26
Zinterhofer, John.....27621 Santa Barbara Dr., Route 6,
Birmingham

Zolliker, Margaret Z.....20390 Harper Ave., Detroit
 Zonnis, M. E.....1064 Fisher Bldg., Detroit 2
 Zuelzer, Wolfgang W.....Children's Hospital, Detroit

Zukowski, Henry J.....1916 Manchester Blvd.,
 Grosse Pointe Woods 30
 Zukowski, Sigmund A.....6626 Van Dyke, Detroit 13

WEXFORD-MISSAUKEE COUNTIES

Cardinal, Thomas H.....302 E. Chapin, Cadillac
 Daugharty, Robert V.....302 E. Chapin, Cadillac
 Holm, Augustus (L).....828 Seventeenth St., Moline, Ill.
 Inman, J. C.....Lake City
 Lommen, Ralph G.....Manton
 Moon, William W.....826 Oak St., Cadillac
 Moore, Gregory P.....302 E. Chapin, Cadillac
 Murphy, Michael R.....120 E. Cass St., Cadillac

Paye, Philip H.....Mercy Hospital, Cadillac
 Posthuma, Millard M.....423 E. Cass St., Cadillac
 Purdy, Calvin S. (L).....Buckley
 Seger, D. W.....Lake City
 Smith, Wallace J.....East Harris St., Cadillac
 Stokes, William H.....Lake City
 Tornberg, Gordon C.....124 E. Case St., Cadillac
 Youngman, D. C.....Marion

HONORARY MEMBERS

Brake, D. Hale.....Stanton
 Cline, John W.....3467 Pacific Ave., San Francisco, Calif.
 de Kruif, Paul, Ph.D.....Wake Robin, Holland
 Kahlke, Charles E.....Benton Harbor

Potter, LeRoy A.....Mich. Dept. of Health, Lansing
 Tompkins, C. E.....American Baptist Assembly,
 Green Lake, Wisc.
 Upjohn, Lawrence N.....Upjohn Co., 301 Henrietta St.,
 Kalamazoo

Woman's Auxiliary

Roster, 1955

ALLEGAN COUNTY

Brachman, Mrs. Peter.....	Allegan	Kromer, Mrs. Robert.....	Wayland
Brown, Mrs. L. F.....	451 W. Allegan, Otsego	Mahan, Mrs. James.....	402 Trowbridge, Allegan
Brunson, Mrs. E. T.....	Ganges	Miller, Mrs. Kenneth.....	Rt. No. 2, Fennville
Chase, Mrs. Walter E.....	Martin	Mitchell, Mrs. A. B.....	River View Park, Allegan
Clark, Mrs. James I.....	Box B, Fennville	Ramseyer, Mrs. Gladwin E.....	421 Marrell St., Plainwell
Corkill, Mrs. C. C.....	Douglas	Rickert, Mrs. Ruth.....	219 River St., Allegan
Johnson, Mrs. E. B.....	144 Brady, Allegan	Schneider, Mrs. Harry E.....	Allegan
		Vander Kolk, Mrs. Bert.....	Hopkins

BAY COUNTY

Alcorn, Mrs. Kent.....	2211 McKinley Street, Bay City	Knobloch, Mrs. H. T.....	1911 Center, Bay City
Alcorn, Mrs. Marshall.....	210 Pendleton, Bay City	Kulinski, Mrs. Eugene.....	207 Huron, Bay City
Allen, Mrs. A. D.....	Three Mile Rd., RFD, Bay City	Langin, Mrs. John.....	2116 Seventh St., Bay City
Andrews, Mrs. F. T.....	1414 McKinley, Bay City	MacRae, Mrs. L. D.....	813 N. Sherman St., Bay City
Asline, Mrs. J. N.....	406 Pine, Essexville	McDonnell, Mrs. W. R.....	Box 600, Pinconning
Baird, Mrs. Fred.....	30 Hendrick Dr., Lagoon Beach, Bay City	McEwan, Mrs. J. H.....	2310 Nurmi Drive, Bay City
Baird, Mrs. Thomas.....	235 Washington, Bay City	McGee, Mrs. Harry.....	204 N. Mountain, Bay City
Bowman, Mrs. David A.....	1917 Fifth St., Bay City	McLurg, Mrs. John.....	1900 Center, Bay City
Bristow, Mrs. John.....	Bay City	Medvezky, Mrs. M. J.....	314 Hill St., Bay City
Brown, Mrs. G. M.....	2257 Carroll Rd., Bay City	Miller, Mrs. Edwin C.....	614 Nurmi Ct., Bay City
Campbell, Mrs. John.....	1838 McKinley, Bay City	Moore, Mrs. G. W.....	200 N. Barclay, Bay City
Chapin, Mrs. F. J.....	2121 Center St., Bay City	Moore, Mrs. N. R.....	2141 Fifth St., Bay City
Connelly, Mrs. C. J.....	1004 Borton Avenue, Essexville	Mosier, Mrs. D. J.....	307 W. Midland, Bay City
Cosens, Mrs. Stanley A.....	701 Webb, Bay City	Pearson, Mrs. S. M.....	501 W. Jenny St., Bay City
Cook, Mrs. Hugh.....	1540 Park, Bay City	Pelczar, Mrs. Walter.....	321 N. Johnson, Bay City
Criswell, Mrs. R. H.....	1412 Center Avenue, Bay City	Perkins, Mrs. R. C.....	2118 Fifth Ave., Bay City
Crissey, Mrs. Robert H.....	2144 Fifth St., Bay City	Reddick, Mrs. Charles.....	2015 Seventh St., Bay City
DeWaele, Mrs. Paul.....	1106 N. Johnson St., Bay City	Reuter, Mrs. C. W.....	5561 Gaertner Ct., Bay City
Drummond, Mrs. Fred.....	Kawkawlin	Ruggles, Mrs. F. E.....	605 N. Lincoln St., Bay City
Dumond, Mrs. V. H.....	1700 Fifth, Bay City	Shafer, Mrs. Harold C.....	324 Green St., Bay City
Ellison, Mrs. Alfred.....	2010 Second St., Bay City	Slattery, Mrs. M. R.....	2215 McKinley, Bay City
Foster, Mrs. L. F.....	1801 McKinley Avenue, Bay City	Staley, Mrs. Hugh.....	Omer
Freel, Mrs. J. A.....	2202 Eleventh St., Bay City	Stinson, Mrs. Walter.....	4216 Ann Court, Bay City
Gale, Mrs. H. M.....	517 N. Van Buren, Bay City	Swantek, Mrs. Chas.....	240 Washington, Bay City
Gamble, Mrs. W. G.....	2010 Fifth Avenue, Bay City	Switzer, Mrs. L. W.....	2150 Second St., Bay City
Gehman, Mrs. Robert.....	Omer	Tarter, Mrs. C. S.....	1712 Center Ave., Bay City
Hagelshaw, Mrs. G. L.....	1203 Fifth St., Bay City	Taylor, Mrs. Robert.....	4656 Richardson Dr., Bay City
Heuser, Mrs. Harold.....	2021 Sixth Street, Bay City	Teheri, Z. E.....	520 Webb Dr., Bay City
Horowitz, Mrs. S. F.....	2136 Fifth St., Bay City	Tompkins, Mrs. Dana.....	Pinconning
Howland, Mrs. Walter.....	Pinconning	Urmston, Mrs. P. R.....	1862 McKinley St., Bay City
Huckins, Mrs. E. S.....	436 Cass Avenue, Bay City	Wilcox, Mrs. J. W.....	210 Gates, Bay City
Huckins, Mrs. Roger.....	404 Trumbull St., Bay City	Wilson, Mrs. T. G.....	414 N. Farragut St., Bay City
Jacoby, Mrs. A. H.....	2202 Ninth, Bay City	Wittwer, Mrs. E. A.....	104 N. Erie St., Bay City
Jens, Mrs. Otto.....	1106 Prairie, Essexville	Woodburne, Mrs. H. L.....	1107 Borton, Essexville
Johnson, Mrs. O. J.....	105 Parkwood, Bay City	Wright, Mrs. Thomas.....	531 Handy Dr., Bay City
Jones, Mrs. Culver.....	1024 Rosemary Lane, Essexville	Zaremba, Mrs. A. J.....	108 S. Madison St. Bay City
		Ziliak, Mrs. A. L.....	3393 Kiesel Road, Bay City

BERRIEN COUNTY

Bailey, Mrs. John.....	2150 Samuel, Benton Harbor	Cooper, Mrs. W. L.....	901 Wisconsin, St. Joseph
Beal, Mrs. Gerald.....	114 Hawthorne, St. Joseph	Cowdery, Mrs. K. H.....	1620 Niles Ave., St. Joseph
Bliesmer, Mrs. August.....	2108 Morton Ave., St. Joseph	Crowell, Mrs. Richard C.....	1920 Sunset Court, St. Joseph
Bronfenbrenner, Mrs. J.....	2218 Harriet, St. Joseph	Elliott, Mrs. J. C.....	111 Chippewa, Buchanan
Bush, Mrs. Chas. W.....	1728 Broadway, Niles	Emery, Mrs. Clayton S.....	1329 Lake Blvd., St. Joseph
Butler, Mrs. William J.....	2216 Lakeview, St. Joseph	Emery, Mrs. William.....	2932 Lakeview, St. Joseph
Cawthorne, Mrs. H. J.....	192 Robbins, Benton Harbor	Faber, Mrs. Michael.....	176 W. Napier, Benton Harbor
Chickering, Mrs. W. Alan.....	205 E. Delaware, Benton Harbor	Fattic, Mrs. G. R. Jr.....	806 S. 3rd St., Niles
Conybeare, Mrs. R. C.....	234 Orchard Lane, Benton Harbor	Feeley, Mrs. Marshall.....	2930 Lake View Ave, St. Joseph
		Galles, Mrs. James.....	1819 Heath Court, Benton Harbor
		Garrett, Mrs. E. L.....	M-40, R. No. 3, Niles

Hassan, Mrs. Kent.....606 Rynearson, Buchanan
 Hayes, Mrs. T. P.....1614 Forres Ave., St. Joseph
 Hershey, Mrs. N. J.....1648 Broadway, Niles
 Howard, Mrs. Frank.....808 Columbus, Benton Harbor
 Irgens, Mrs. E. R.....910 Kingsley, St. Joseph
 Johnston, Mrs. W.....514 Sutherland, St. Joseph
 Kelsall, Mrs. Harvey I.....900 Wolcott Ave., St. Joseph
 Kennedy, Mrs. Francis.....368 Vineyard, Benton Harbor
 King, Mrs. B. B.....1290 Seneca, Benton Harbor
 Klos, Mrs. Henry.....2121 Niles Ave., St. Joseph
 Landgraf, Mrs. Robert L.....527 W. Main, Niles
 Lindenfeld, Mrs. Fred H.....443 S. St. Joseph, Niles
 Lininger, Mrs. Richard.....1639 Shawnee Drive, Benton
 Harbor
 Manning, Mrs. John.....1611 Forres Ave., St. Joseph
 Moore, Mrs. Scott.....1649 Broadway, Niles
 Padelford, Mrs. Wm. J.....2725 Thayer Drive, St. Joseph
 Parker, Mrs. L. B.....614 N. Main, Berrien Springs
 Porter, Mrs. Charles.....1589 Colfax, Benton Harbor
 Pritchard, Mrs. H. M.....1603 Ferry, Niles

Rague, Mrs. Paul.....1287 Seneca, Benton Harbor
 Ray, Mrs. Dean.....2019 Langley, St. Joseph
 Reagan, Mrs. Robert.....232 Windsor, Benton Harbor
 Rice, Mrs. Franklin, Jr.....324 N. 4th St., Niles
 Richmond, Mrs. Dean.....218 Sunnybank Road, St. Joseph
 Ruth, Mrs. J. Griswold.....507 E. Britian, Benton Harbor
 Skinner, Mrs. James.....2716 Thayer, St. Joseph
 Sowers, Mrs. B. F.....Higman Park, Benton Harbor
 Strayer, Mrs. J. C.....103 Moccasin, Buchanan
 Strayer, Mrs. John W.....553 Grant St., Niles
 Strick, Mrs. M. H.....1759 Commonwealth, Benton Harbor
 Swingle, Mrs. Alvin J.....252 Elvern Dr., North Shore,
 Benton Harbor
 Thorup, Mrs. D. W.....1160 Miami Rd., Benton Harbor
 Vastine, Mrs. R. J.....430 W. Chicago, Buchanan
 Westervelt, Mrs. Herbert O.....539 Pearl St., Benton
 Harbor
 Winegar, Mrs. Alvin C.....797 Pipestone, Benton Harbor
 Woodford, Mrs. Hackley E.....255 Oden, Benton Harbor

BRANCH COUNTY

Aldrich, Mrs. N. S.....162 Marshall St., Coldwater
 Bailey, Mrs. J. E.....291 E. Chicago St., Coldwater
 Beck, Mrs. P. C.....253 N. Walker, Bronson
 Coates, Mrs. Carl.....R. R. No. 1, Quincy
 Culver, Mrs. Bert W.....72 Division St., Coldwater
 Culver, Mrs. D. T.....78 Division St., Coldwater
 Fraser, Mrs. Robert J.....156 E. Chicago, Coldwater
 Gist, Mrs. Lemuel I.....300 E. Chicago St., Coldwater
 Gomley, Mrs. Henry G.....435 W. Chicago, Bronson
 Harris, Mrs. D. M.....25 N. Fremont St., Coldwater
 Heffelfinger, Mrs. J. C.....106 N. Hanchett St.
 Coldwater
 Leitch, Mrs. Robert M.....Union City

Mitchell, Mrs. H. C.....State Home & Training School
 Coldwater
 Mooi, Mrs. H. Roy.....120 Fairfield, Coldwater
 Moss, Mrs. H. L.....86 W. Clarke Ave., Coldwater
 Nettleman, Mrs. William.....22 S. Jefferson St., Coldwater
 Rennell, Mrs. E. J.....State Home & Training School
 Coldwater
 Rick, Mrs. John.....63 N. Hudson St., Coldwater
 Smith, Mrs. Robert.....Union City
 Thomas, Mrs. J. A.....390 E. Chicago, Coldwater
 Wade, Mrs. R. L.....144 E. Chicago, Coldwater
 Walton, Mrs. N. J.....61 E. Chicago, Quincy
 Weidner, Mrs. Harold.....16 S. Fremont, Coldwater

CALHOUN COUNTY

Albright, Mrs. A. A.....Evergreen Hills, Bellevue
 Anderson, Mrs. Harold.....1461 E. Michigan, Battle Creek
 Amos, Mrs. N. H.....191 Waubacon Rd, Battle Creek
 Barden, Mrs. Stewart.....Rt. 6, Box 912, Battle Creek
 Baribeau, Mrs. Roy.....1003 Capital Ave. S. W.
 Battle Creek
 Becker, Mrs. H. F.....Rt. No. 3, Box 303A, Battle Creek
 Berghorst, Mrs. John.....89 S. La Vista, Battle Creek
 Beuker, Mrs. Herman.....501 N. Kalamazoo, Marshall
 Bodine, Mrs. Harold.....634 Country Club Dr.,
 Battle Creek
 Bonifer, Mrs. Philip.....93 Clinton Drive, Battle Creek
 Brainard, Mrs. Clifford.....612 Jennings Landing
 Battle Creek
 Brown, Mrs. Robert W.....106 Circle Drive, Battle Creek
 Byland, Mrs. N. O.....107 Greenwood, Battle Creek
 Campbell, Mrs. Jack.....203 Highland Ave., Battle Creek
 Campbell, Mrs. R. J.....209 Emmet St., Battle Creek
 Capron, Mrs. M. J.....102 Ann Ave., Battle Creek
 Chandler, Mrs. Edward.....55 N. Broad, Battle Creek
 Chynoweth, Mrs. W. R.....88 Ann Ave., Battle Creek
 Colquhoun, Mrs. Graham F.....6 Country Club Dr.,
 Battle Creek
 Diamante, Mrs. Paul.....26 Maryland Dr., Battle Creek
 Finch, Mrs. D. L.....72 Jennings Rd., Battle Creek
 Fraser, Mrs. Robt. H.....198 Fremont St., Battle Creek
 Graubner, Mrs. F. L.....707 N. Linden, Marshall
 Hansen, Mrs. Harvey C.....Country Club Blvd.
 Battle Creek
 Heald, Mrs. C. W.....67 Oaklawn, Battle Creek
 Herman, Mrs. L.....Veteran's Administration, Battle Creek
 Hibbs, Mrs. Don.....117 Sunnyside, Battle Creek
 Hills, Mrs. C. R.....210 Chestnut St., Battle Creek
 Holtom, Mrs. B. G.....78 Merwood Dr., Battle Creek
 Hubly, Mrs. James.....203 Fremont St., Battle Creek
 Humphrey, Mrs. Arthur.....Country Club Dr.,
 Battle Creek

Jeffrey, Mrs. J. R.....62 Ann Ave., Battle Creek
 Jones, Mrs. E. F.....Ft. Custer, Battle Creek
 Jones, Mrs. T. K.....513 W. Michigan, Marshall
 Keagle, Mrs. L. R.....41 Garrison, Battle Creek
 Kelleher, Mrs. Geo. T.....65 Sherman Rd., Battle Creek
 Kimball, Mrs. Arthur S.....196 Capital Ave., N. E.
 Battle Creek
 Kinde, Mrs. M. R.....48 Merwood Dr., Battle Creek
 Kingsley, Mrs. A. F.....33 Byrand, Battle Creek
 Kingsley, Mrs. Paul.....29 Merwood Dr., Battle Creek
 Kolvoord, Mrs. Theodore.....47 Minges Rd., Battle Creek
 LaFrance, Mrs. N. F.....Veterans Administration
 Battle Creek
 Lam, Mrs. Francis L.....Sunnyside Drive, Battle Creek
 Lancaster, Mrs. Vance B.....119 Ridgeway Dr.,
 Battle Creek
 Leitch, Mrs. Robert.....Union City
 Levy, Mrs. Joseph Jr.....343 Orchard Ave., Battle Creek
 Lowe, Mrs. K. H.....R. No. 1, Box 381, Augusta
 Lowe, Mrs. Stanley.....12 Hiawatha Dr., Battle Creek
 Marino, Mrs. S. G.....Veterans Administration
 Battle Creek
 Martin, Mrs. W. F.....608 The Inn, Battle Creek
 McCuaig, Mrs. Alfred.....145 Pleasantview Dr.,
 Battle Creek
 Meister, Mrs. Franklin O.....315 Orchard Ave.,
 Battle Creek
 Melges, Mrs. Fred J.....314 N. Orchard St., Battle Creek
 Morrison, Mrs. D. B.....199 Chestnut, Battle Creek
 Mullenmeister, Mrs. Hugh F.....99 Fremont, Battle Creek
 Olsen, Mrs. A. L.....Veterans Administration, Battle Creek
 Parkinson, Mrs. C. E.....1485 North Ave., Battle Creek
 Patrick, Mrs. Gilbert T.....16 Hiawatha Hts., Battle Creek
 Pearson, D. J.....32 Hiawatha Hts., Battle Creek
 Powers, Mrs. John.....206 Orchard Ave., Battle Creek
 Robbert, Mrs. John.....164 Francis Drive, Battle Creek
 Robins, Mrs. Hugh.....237 Fremont, Battle Creek

Rosenfeld, Mrs. Jos.....70 Elizabeth St., Battle Creek
 Royer, Mrs. Clark.....Sunnyside Drive, Battle Creek
 Sandy, Mrs. W. A.....Veterans Administration, Fort Custer
 Schwarz, Mrs. Frank.....31 Orchard, Battle Creek
 Shellenberger, Mrs. H. M.....131 W. Hanover, Marshall
 Sharp, Mrs. W. T.....Veterans Administration,
 Battle Creek
 Shipp, Mrs. Leland P.....611 Jennings Landing,
 Battle Creek
 Simpson, Mrs. Robert S.....135 Shadywood Lane
 Battle Creek
 Slagle, Mrs. Geo. W.....1702 Capitol, S. W.
 Battle Creek
 Smith, Mrs. J. S.....Ft. Custer, Battle Creek
 Stadler, Mrs. W. H.....607 Jennings Landing, Battle Creek

Stifel, Mrs. R. A.....260 Wahwahtaysee Way, Battle Creek
 Tazelaar, Mrs. Myron A.....219 N. Madison, Marshall
 Verity, Mrs. L. E.....64 St. Joseph Lane, Battle Creek
 Walters, Mrs. J. F.....63 East Ave. N., Battle Creek
 Way, Mrs. Kenneth.....315 N. Madison, Marshall
 Wemmer, Mrs. Keith S.....94 Barney, Battle Creek
 Wencke, Mrs. Carl G.....127 Park Place, Country Club
 Hills, Battle Creek
 Winslow, Mrs. Sherwood.....Hiawatha Dr, Battle Creek
 Worgess, Mrs. Duane.....45 W. Territorial Rd.
 Battle Creek
 Yannitelli, Mrs. S. A.....132 W. Hamilton Lane
 Battle Creek
 Zindler, Mrs. George.....RFD No. 2, Lacy Rd.,
 Battle Creek

CASS COUNTY

Clary, Mrs. R. I.....403 Main St., Dowagiac
 Hickman, Mrs. John K.....514 Green St., Dowagiac

Zwergal, Mrs. E. H.....122 S. Fulton St., Cassopolis

CHIPPEWA - MACKINAC - LUCE COUNTIES

Allott, Mrs. H. R.....607 Sheridan Dr., Sault Ste. Marie
 Blain, Mrs. James G.....130 Park Place, Sault Ste. Marie
 Blair, Mrs. H. M.....811 Summitt St., Sault Ste. Marie
 Clausen, Mrs. C. H.....300 Court St., Sault Ste. Marie
 Cowan, Mrs. D. A.....Riverside Dr., Sault Ste. Marie
 Finlayson, Mrs. Donald D.....903 Prospect St.
 Sault Ste. Marie
 Gibson, Mrs. R. E.....Newberry
 Goddard, Mrs. G. B.....Pickford
 Hague, Mrs. Howard.....St. Ignace
 Hamel, Mrs. H.....1012 Medora St., St. Ignace

Howe, Mrs. D. C.....1139 E. Portage Ave.,
 Sault Ste. Marie
 Koptik, Mrs. George.....Camp Lucas, Sault Ste. Marie
 Mackie, Mrs. T. B.....Mission Rd., Sault Ste. Marie
 Montgomery, Mrs. B. T.....U. S. No. 2, Sault Ste. Marie
 Porter, Mrs. Bruce.....1514 Ashmun, Sault Ste. Marie
 Purmort, Mrs. Wm. Jr.....Newberry
 Rhind, Mrs. Earl, 604 Johnstone.....Sault Ste. Marie
 Scott, Mrs. D. F.....506 Ravine St. Sault Ste. Marie
 Taylor, Mrs. Robert.....Sault Ste. Marie
 Thompson, Mrs. T. W.....Newberry
 Trapasso, Mrs. T. J.....208 Mission Rd., Sault Ste. Marie
 Yale, Mrs. I. V.....408 Carrie, Sault Ste. Marie

CLINTON COUNTY

Cook, Mrs. Bruno.....Westphalia
 Elliott, Mrs. B. R.....Ovid
 Fillinger, Mrs. W. B.....Ovid
 Geib, Mrs. O. P.....Carson City
 Grost, Mrs. James.....303 E. Walker, St. Johns
 Henthorn, Mrs. A. C.....R. R. 3, St. Johns

Kirker, Mrs. L. G.....Fowler
 McWilliams, Mrs. Wm. P.....210 S. Maple, Maple Rapids
 Russell, Mrs. Sherwood.....104 N. Oakland, St. Johns
 Sheline, Mrs. V. L.....Ashley
 Stephenson, Mrs. W. F.....St. Johns
 Stoller, Mrs. P. F.....St. Johns

DELTA - SCHOOLCRAFT COUNTIES

Anderson, Mrs. Francis.....1012 S. 11th St., Escanaba
 Boyce, Mrs. D. H.....1401 First Ave. So., Escanaba
 Defnet, Mrs. H. G.....250 Lake Shore, Escanaba
 Dehlin, Mrs. J. R.....1225 Minnesota Ave., Gladstone
 Fyvie, Mrs. Jas. H.....Range Street, Manistique
 Groos, Mrs. Harold.....421 Ogden, Escanaba
 Groos, Mrs. Louis.....1015 S. 1st Ave., Escanaba
 Harrison, Mrs. William.....403 S. 7th Ave, Escanaba

Jensen, Mrs. Carrol.....Manistique
 LeMire, Mrs. D. F.....1813 Lakeshore Dr., Escanaba
 LeMire, Mrs. W. A. Jr.....318 Lakeshore, Escanaba
 Lindquist, Mrs. N. L.....1815 Lakeshore Dr., Escanaba
 McInerney, Mrs. T. A.....1029 S. 13th St., Escanaba
 Olson, Mrs. Carl.....623 Michigan Ave., Gladstone
 Ryde, Mrs. R. E.....815 Lake Shore, Escanaba
 Walch, Mrs. John J.....800 Lake Shore Dr., Escanaba
 Wehner, Mrs. Merle D.....540 Cherry, Manistique

DICKINSON - IRON COUNTIES

Addison, Mrs. E. R.....601 State St., Crystal Falls
 Alexander, Mrs. Wm. H.....411 East "C" Street
 Iron Mountain
 Anderson, Mrs. D. T.....408 Hamilton, Kingsford
 Boyce, Mrs. George H.....408 East "D" St.
 Iron Mountain
 Carlson, Mrs. Ralph E.....615 E "C" St.,
 Iron Mountain
 Carpenter, Mrs. Gilbert V.....403 E. Ludington,
 Iron Mountain
 Cooper, Mrs. C. A.....407 Third, Stambaugh
 Crowell, Mrs. J. A.....403 E. Ludington, Iron Mountain

Gladstone, Mrs. William.....626 Saginaw, Norway
 Huron, Mrs. W. H.....215 W. "E" St., Iron Mountain
 Irvine, Mrs. L. E.....308 Sixth, Iron River
 McEachran, Mrs. H. D.....401 East "C" St.,
 Iron Mountain
 Palm, Mrs. E. T.....609 Marquette, Crystal Falls
 Retallack, Mrs. R. C.....621 W. Genesee, Iron River
 Schmutzler, Mrs. W. A.....373 Woodward, Kingsford
 Schroeder, Mrs. J. M.....1111 Stockbridge, Iron Mountain
 Smith, Mrs. D. R.....817 W. Brown, Iron Mountain
 Steinke, Mrs. Charles.....600 Hamilton, Iron Mountain

EATON COUNTY

Arner, Mrs. Fred L.....Bellevue
Brown, Mrs. B. Phillip.....339 S. Cochran, Charlotte
Carothers, Mrs. Daniel F.....243 S. Sheldon, Charlotte
Cook, Mrs. J. Maxwell.....404 W. Harris, Charlotte
DeLand, Mrs. C. L.....Bellevue
Engle, Mrs. Paul.....Olivet
Hannah, Mrs. Harry W.....Clinton Trail, Charlotte
Landick, Mrs. Robert.....138 S. Bostwick, Charlotte

Meinke, Mrs. A. H. Jr.....Eaton Rapids
Moyer, Mrs. H. A.....Charlotte
Myers, Mrs. A. W.....Pottersville
Sevener, Mrs. Lester G.....608 W. Stoddard, Charlotte
Van Ark, Mrs. Bert.....Eaton Rapids
Van Ark, Mrs. Herman.....Eaton Rapids
Willits, Mrs. C. O.....127 Upland, Charlotte

GENESEE COUNTY

Adams, Mrs. Burnell.....609 S. Lynch, Flint
Adams, Mrs. Chester.....610 E. Grand Blanc Rd.,
Grand Blanc
Anderson, Mrs. Harley.....11820 N. Saginaw, Mt. Morris
Andrews, Mrs. N. A. C.....310 E. Main St., Flushing
Anthony, Mrs. George.....912 Beard, Flint
Backus, Mrs. Glenn.....3131 Westwood Parkway, Flint
Baird, Mrs. C.....1818 Ramsey Blvd., Flint
Barbour, Mrs. Fleming.....2015 Lincoln Dr., Flint
Baske, Mrs. Franklin.....923 Maxine, Flint
Bateman, Mrs. L. G.....1708 E. Second, Flint
Benson, Mrs. John Jr.....1410 E. Court, Flint
Bernstein, Mrs. Eli.....3211 Westwood Pkwy., Flint
Beyer, Mrs. George.....3329 Elmwood, Clio
Bird, Mrs. W. G.....133 Odette, Flint
Bishop, Mrs. D. L.....1024 Woodside Dr., Flint
Bogart, Mrs. Leon.....1125 South Drive, Flint
Boles, Mrs. William.....1407 Woodcroft, Flint
Bonathan, Mrs. A. T.....3002 Parkside Dr., Flint
Botsdorf, Mrs. John.....10114 Hegel, Goodrich
Branch, Mrs. Hira.....1014 Woodside, Flint
Brasie, Mrs. Donald.....310 Josephine, Flint
Bruce, Mrs. William.....5397 Miller Rd., Swartz Creek
Bryant, Mrs. Donald.....405 W. Witherbee, Flint
Buchanan, Mrs. William.....902 S. Leroy, Fenton
Burkett, Mrs. L. V.....618 Dougherty Place, Flint
Chambers, Mrs. Myrton.....3402 Westwood Prkwy., Flint
Charters, Mrs. John.....311 E. 4th, Flint
Chase, Mrs. William.....1318 N. Ballenger Rd., Flint
Clark, Mrs. Robert.....2602 Thomas, Flint
Collins, Mrs. James.....902 Stockdale, Flint
Colwell, Mrs. Clifford W.....2011 Briar Hill, Flint
Connell, Mrs. J. T.....Coldwater Road, R. F. D. No. 1
Flint
Conover, Mrs. George.....G-1152 N Dye Rd., Flint
Conover, Mrs. McClellan.....724 East, Flint
Conover, Mrs. Sidney.....G-4349 Fenton Rd., Flint
Cook, Mrs. Henry.....1825 Chelsea Circle, Flint
Credille, Mrs. Barney.....2020 E. Second, Flint
Currey, Mrs. G.....3021 Westwood Prkwy., Flint
Curtin, Mrs. John.....915 E. Court St., Flint
Cutler, Mrs. Campbell.....1502 Lavender, Flint
Davis, Mrs. Robert C.....407 Fremont, Flint
Del-Zingro, Mrs. Nicholas.....Davison
Dickstein, Mrs. Bernard.....1110 W. Hamilton, Flint
Dimond, Mrs. E. G.....G-5046 McCandlish Rd.,
Grand Blanc
Dodds, Mrs. Fred.....1291 Kearsley Park Blvd., Flint
Dodds, Mrs. Max.....708 Fremont, Flint
Dorsey, Mrs. Philip.....6492 Flushing Rd., Flushing
Drewyer, Mrs. Glen.....5237 W. Reid Rd., Swartz Creek
Eichhorn, Mrs. Ernest.....1301 Riverdale Rd., Flint
Eickhorst, Mrs. Thomas.....951 Welch Blvd., Flint
Elliott, Mrs. H. B.....2380 Nolen Dr., Flint
Ettinger, Mrs. Ralph.....409 South East, Fenton
Farhat, Mrs. Maynard.....1901 Hampden Rd., Flint
Fee, Mrs. Manson.....1002 Maxine, Flint
Finkelstein, Mrs. T.....1633 Seminole St., Flint
Flynn, Mrs. Southard.....2354 Nolen Dr., Flint
Gellenger, Mrs. Stephen.....2125 Detroit, Flint
Gleason, Mrs. N. A.....1309 Blanchard, Flint
Golden, Mrs. H. M.....1511 Woodcroft, Flint
Gorne, Mrs. S. S.....1009 Woodside Dr., Flint
Grady, Mrs. Donald.....1515 Woodslea, Flint

Griffin, Mrs. Ernest, Jr.....1713 Welch Blvd., Flint
Grover, Mrs. H. F.....3509 Norwood Dr., Flint
Guile, Mrs. Gurdon.....1621 Dupont, Flint
Gundry, Mrs. George.....11736 S. Saginaw, Grand Blanc
Gutow, Mrs. I. H.....3020 Westwood Parkway, Flint
Gutow, Mrs. J. J.....3759 Sunset Drive, Flint
Hackley, Mrs. Richard.....422 Grace St., Flint
Hague, Mrs. Robert.....8231 River Rd., Flushing
Hamilton, Mrs. A. J.....14292 Dart's Landing, Fenton
Harper, Mrs. A. W.....712 Thomson St., Flint
Harper, Mrs. Homer.....713 Thomson St., Flint
Hauser, Mrs. Fred.....1027 Manning Court, Flint
Hennesey, Mrs. Charles.....3515 Sherwood, Flint
Hiscock, Mrs. Harold.....2021 Briar Hill, Flint
Hooper, Mrs. Kendall.....348 Bradley, Flint
Hubbard, Mrs. Wm.....1205 Maxine, Flint
Hufton, Mrs. W. L.....2546 Nolen Dr., Flint
Hurd, Mrs. Clayton.....300 Robert St., Fenton
Jaarsma, Mrs. Raymond.....928 Woodside Dr., Flint
Jermstad, Mrs. Robert.....623 Third Ave., Flint
Johnson, Mrs. Frank.....235 Hamilton, W., Flint
Johnson, Mrs. Raymond.....5173 W. Reid Rd.,
Swartz Creek
Judd, Mrs. Alvin.....1184 Kra 'Nur Dr., Davison
Kaufman, Mrs. L. D.....1617 Neome Dr., Flint
Knapp, Mrs. Don.....712 Mann Ave., Flint
Knapp, Mrs. Wm.....921 E. Ninth St., Flint
Kretschmar, Mrs. Arthur.....1135 Dye Road, Flint
Kurtz, Mrs. John J.....G-2391 Reid Rd., Flint
Lewis, Mrs. Thomas.....4047 Mitchell Dr., Flint
Limbach, Mrs. David.....308 W. Shiawassee, Fenton
Livesay, Mrs. Jackson.....702 Blanchard St., Flint
Lukens, Mrs. John.....1317 W. Genesee, Flint
Lyttle, Mrs. Sydney.....2442 Thomas St., Flint
MacGregor, Mrs. Delbert.....722 W. Hamilton Ave., Flint
Macksood, Mrs. Joseph.....3340 Parkside Dr., Flint
Marsh, Mrs. Elizabeth.....312 Buckingham, Flint
Marshall, Mrs. Sophia.....P.O. Box 885, Olympia, Wash.
McLeod, Mrs. Kenneth.....1001 Welch Blvd, Flint
McTaggart, Mrs. David.....2401 Windemere, Flint
Michael, Mrs. Robert.....409 N. McKinley Rd., Flushing
Michael, Mrs. Sidney.....922 Welch Blvd, Flint
Miltich, Mrs. Anthony.....2222 Colfax, Flint
Miner, Mrs. F. B.....1000 E. Seventh St., Flint
Moore, Mrs. Kenneth.....2717 Circle Drive, Flint
Morrison, Mrs. William.....205 Perry Road, Grand Blanc
Morrissey, Mrs. Vaughn.....101 Stockdale, Flint
Morton, Mrs. Joseph.....1648 Euclid, Flint
Mosier, Mrs. Edward.....1730 Overhill Dr., Flint
Murphy, Mrs. Grant.....1201 Kensington, Flint
Neiswander, Mrs. Paul.....2552 Thomas, Flint
Odle, Mrs. I. D.....201 Welch, Flint
Orr, Mrs. Walter.....13396 Enid Blvd., Fenton
Osher, Mrs. Seymour.....915 E. Court, Flint
Pfeifer, Mrs. A. C.....12,205 N. Saginaw Rd., Mt. Morris
Phelps, Mrs. Lynn.....c-o Goodrich Hospital, Goodrich
Phillips, Mrs. Robert.....2613 Thomas, Flint
Pickering, Mrs. Woodrow.....1602 N. Ballenger, Flint
Preston, Mrs. Otto.....1315 Maxine, Flint
Purcell, Mrs. Francis.....State St., Goodrich
Rapport, Mrs. Richard.....2306 Miller Rd., Flint
Rawling, Mrs. John.....2561 Tyrone, Flint
Rawlings, Mrs. J. Mott.....1601 Neome Dr., Flint
Richeson, Mrs. V. N.....702 W. Hamilton, Flint

Rieth, Mrs. George F.....G-6452 Davison Rd., Flint
 Rowe, Mrs. John.....1601 Lyon, Flint
 Rulney, Mrs. Max.....323 Ferndale Pl., Flint
 Rundles, Mrs. Walter.....G-6573 Flushing Rd., Flushing
 Rundles, Mrs. W. Z. Jr.....607 Rome Court, Flint
 Sandberg, Mrs. Russell.....230 W. Genesee St., Flint
 Sandy, Mrs. Kenneth.....2701 Detroit, Flint
 Scavarda, Mrs. Charles.....2101 E. Court, Flint
 Schiff, Mrs. Benton.....340 Parkside Dr., Flint
 Schultz, Mrs. J. S.....3327 Fleming Rd., Flint
 Schwartz, Mrs. John.....2920 Dupont St., Flint
 Shantz, Mrs. Layton.....2026 Calumet, Flint
 Sheeran, Mrs. Dan.....610 S. Vernon, Flint
 Shipman, Mrs. Charles.....25 E. First St., Flint
 Simoni, Mrs. Lewis.....4001 Circle Dr., Flint
 Sirna, Mrs. Anthony.....2709 Thomas, Flint
 Smith, Mrs. D. C.....811 Thompson, Flint
 Smith, Mrs. E. C.....565 Welch, Flint
 Smith, Mrs. Harold.....1952 Miller Rd., Flint
 Smith, Mrs. M. J.....422 Odette, Flint
 Sniderman, Mrs. Ben.....3738 Norwood, Flint
 Sorkin, Mrs. Sam.....1919 Miller Rd., Flint
 Sparks, Mrs. Harvey.....2749 Thomas, Flint

Steffe, Mrs. Ralph.....1617 Brookwood, Flint
 Steinman, Mrs. Floyd.....2418 Nolen Drive, Flint
 Stevens, Mrs. Philip K.....468 Commonwealth, Flint
 Stevenson, Mrs. Wm.....1901 Ramsay, Flint
 Stroup, Mrs. Clayton.....G-5208 E. Court, Flint
 Thompson, Mrs. Alvin.....1607 Cromwell, Flint
 Thompson, Mrs. Jack.....3031 Westwood Prkwy., Flint
 Tuuri, Mrs. Arthur.....1707 Greenway, Flint
 Van Harn, Mrs. Ray.....3102 Westwood Prkwy, Flint
 Varney, Mrs. Howard.....2564 Thomas St., Flint
 Vary, Mrs. Edwin.....2472 Nolen Dr., Flint
 Ware, Mrs. Frank.....902 Woodside Dr., Flint
 Wark, Mrs. D. R.....1315 Detroit, Flint
 Wentworth, Mrs. John.....1651 Chevrolet Ave., Flint
 White, Mrs. Herbert.....1620 Mason, Flint
 Williams, Mrs. W. S.....5216 S. Genesee Rd., Grand Blanc
 Willoughby, Mrs. Gordon.....5013 N. Saginaw, Flint
 Willoughby, Mrs. L. L.....1017 Woodlawn Parkway, Flint
 Wills, Mrs. T. W.....608 Welch Blvd., Flint
 Winchester, Mrs. Walter.....801 E. 9th St., Flint
 Woughter, Mrs. Harold.....2123 Radcliff, Flint
 Wright, Mrs. Don R.....403 W. Court St., Flint
 Wyatt, Mrs. William.....1317 Riverdale Rd., Flint

GOGEBIC COUNTY

Albert, Mrs. S. G.....221 E. Coolidge, Ironwood
 Davidson, Mrs. Donald L.....Ramsey
 Eisele, Mrs. D. C.....120 W. Francis, Ironwood
 Franck, Mrs. J. R.....525 Harrison, Wakefield
 Gorilla, Mrs. A. C.....516 N. Lawrence, Ironwood
 Gingrich, Mrs. W. A.....Lake Road, Ironwood
 Harrington, Mrs. R. R.....104 E. Ridge, Ironwood
 Keskey, Mrs. T. J.....205 W. Coolidge, Ironwood

McEnroe, Mrs. Jack.....Newport Heights, Ironwood
 O'Brien, Mrs. A. J.....419 E. Vaughn, Ironwood
 Pinkerton, Mrs. H. A.....9 Newport Heights, Ironwood
 Santini, Mrs. F. J.....615 N. Lowell, Ironwood
 Stevens, Mrs. C. E.....414 N. Lowell, Ironwood
 Tashiro, Mrs. Kiyo.....Grand View Hosp., Ironwood
 Tressel, Mrs. H. A.....Bessemer
 Wacek, Mrs. Wm. H.....809 Sunset Rd., Ironwood

GRAND TRAVERSE - LEELANAU - BENZIE COUNTIES

Beall, Mrs. J. G.....P. O. Box 283, Traverse City
 Bolan, Mrs. E. J.....Sutton's Bay
 Brownson, Mrs. J. J.....Kingsley
 Brownson, Mrs. K. M.....Peninsula Dr., Traverse City
 Bushong, Mrs. B. B.....318 Wellington Ave., Traverse City
 Carrow, Mrs. Fleming.....Park Place Hotel, Traverse City
 Clarke, Mrs. Charles D.....Peninsula Drive — Box 36
 Traverse City
 Dunn, Mrs. S.....Box C, Traverse City
 Ellis, Mrs. Claude.....Sutton's Bay
 Ferguson, Mrs. J.....Box C, Traverse City
 Gallagher, Mrs. Wm.....Box C, Traverse City
 Haberlein, Mrs. Charles.....701 Monroe, Traverse City
 Hall, Mrs. James.....Peninsula Dr., Traverse City
 Hamilton, Mrs. E. E.....Ahgosa, Traverse City
 Huene, Mrs. Nevin.....508 State St., Traverse City
 Jerome, Mrs. J. T.....609 6th St., Traverse City
 Kyselka, Mrs. Harry.....E. Long Lake, Traverse City
 Lemen, Mrs. C. E.....521 Washington Ave., Traverse City
 Lawton, Mrs. F. P.....540 West 7th Street, Traverse City
 Lossman, Mrs. Robert.....Deepwater Point, R. F. D.
 Traverse City

Miller, Mrs. C. S.....State Hospital, Box C
 Traverse City
 Milliken, Mrs. John.....Peninsula Dr., Traverse City
 Merritt, Mrs. Harry E.....727 S. Union, Traverse City
 Nickels, Mrs. M. M.....Box C, Traverse City
 Noyes, Mrs. Guy.....Traverse City
 Osterhagen, Mrs. Harold.....West Bay Shore Road,
 Traverse City
 Osterlin, Mrs. Mark.....Peninsula Drive, Traverse City
 Pike, Mrs. D. G.....E. Bay Shore Drive, Traverse City
 Power, Mrs. Frank.....521 Sixth St., Traverse City
 Salon, Mrs. D.....216 S. Elmwood Ave., Traverse City
 Sladek, Mrs. E. F.....224 Seventh Street, Traverse City
 Stokes, Mrs. George.....425 Sixth St., Traverse City
 Sweeney, Mrs. Bernard.....Grandview Pky., Traverse City
 Thirlby, Mrs. E. L.....520 Sixth Street, Traverse City
 Thirlby, Mrs. Richard.....1315 Wayne St., Traverse City
 Weitz, Mrs. Harry.....529 Monroe St., Traverse City
 Wieh, Mrs. J. E.....U. S. 31 North, Traverse City
 Wilcox, Mrs. Paul H.....526 W. 10th St., Traverse City
 Zielke, Mrs. I. H.....515 N. Elmwood Ave, Traverse City
 Zimmerman, Mrs. J. G.....606 N. Elmwood, Traverse City

GRATIOT - ISABELLA - CLARE COUNTIES

Barstow, Mrs. William.....318 W. Center, St. Louis
 Bergin, Mrs. J. H.....604 Woodworth, Alma
 Chamberlain, Mrs. Ray.....Chamberlain Clinic,
 Mt. Pleasant
 Hammerburg, Mrs. Kuno.....622 McEwan, Clare

Hedges, Mrs. F. W.....Edmore
 Hoogerland, Mrs. C. L.....514 Iowa St., Alma
 Rottschaffer, Mrs. John.....715 W. Center, Alma
 Wallman, Mrs. Harry.....901 N. State, Alma
 Waggoner, Mrs. Richard.....313 E. Saginaw, St. Louis

HILLSDALE COUNTY

Hodge, Mrs. C. L.....415 Main St., Reading

Sawyer, Mrs. Walter W.....61 N. Howell St., Hillsdale
 Trapp, Mrs. Donald G.....32 S. Broad St., Hillsdale

HOUGHTON - BARAGA - KEWEENAW COUNTIES

Aldrich, Mrs. A. B.....325 Harris Ave., Hancock
Aldrich, Mrs. A. D.....U. S. 41, Chassel
Aldrich, Mrs. L. C.....1609 E. Houghton, Houghton
Bourland, Mrs. P. D.....134½ Calumet Ave., Calumet
Brewington, Mrs. G. F.....Mohawk
Burke, Mrs. J. J.....10 Duncan Avenue, Hubbell
Hillmer, Mrs. R. E.....1 Algolah, Painesdale
Hosking, Mrs. Frederick.....328 Florida, Laurium
Janis, Mrs. A. F.....200 East St., Hancock
King, Mrs. S.....218 Harris Ave., Hancock
Kolb, Mrs. F. E.....128 Calumet St., Calumet
LaBine, Mrs. Alfred.....1019 College Avenue, Houghton
Larson, Mrs. F.....1400 Houghton, Houghton
Lepisto, Mrs. Victor.....515 Lake Linden Ave., Laurium

Levin, Mrs. Simon.....1209 College, Houghton
Manthei, Mrs. W. A.....5426 Calumet, Lake Linden
Murphy, Mrs. P. J.....130 Calumet, Calumet
Repolo, Mrs. K.....338 S. Iroquois, Laurium
Roche, Mrs. A. C.....242 Iroquois St., Calumet
Roche, Mrs. A. M.....204 Pewabic, Laurium
Rupprecht, Mrs. Lee.....117 Fifth St., Calumet
Schochet, Mrs. Sidney.....Hotel Scott, Hancock
Sloan, Mrs. P. S.....214 Clark St., Houghton
Smith, Mrs. Chas.....E. White St., Hancock
Stern, Mrs. I. D.....220 Hubbell, Houghton
Wickliffe, Mrs. Chas. D.....Calumet
Wickliffe, Mrs. T. P.....1167 Calumet Ave., Calumet
Winkler, Mrs. H. J.....L'Anse

HURON COUNTY

Bash, Mrs. Theodore.....Kinde
Dixon, Mrs. Ralph.....Pigeon
Elliott, Mrs. E. S.....Pigeon
Gettel, Mrs. Roy.....634 W. Huron Drive, Bad Axe
Herrington, Mrs. Willet.....120 N. Hanselman, Bad Axe
Oakes, Mrs. C. W.....831 Resort Rd., Harbor Beach

Ritsema, Mrs. John.....Sebewaing
Scheurer, Mrs. Clare.....Pigeon
Steinhardt, Mrs. Edward.....Elkton
Thompson, Mrs. J. E.....Caseville
Turner, Mrs. Phillip.....Harbor Beach
Wible, Mrs. C.....Sebewaing

INGHAM COUNTY

Alexander, Mrs. Reuben G.....Laingsburg
Altland, Mrs. J. K.....West Mt. Hope Rd., Rt. 3
Lansing

Asselin, Mrs. David.....1001 Glenhaven, East Lansing
Badgley, Mrs. W. O.....1523 W. Ionia St., Lansing
Baker, Mrs. Thomas.....1524 Boston Blvd., Lansing
Bates, Mrs. R. D.....1820 E. Michigan Ave., Lansing
Bauer, Mrs. T. I.....839 Wildwood Dr., East Lansing
Bevez, Mrs. F. L.....1322 Cooper Ave., Lansing
Bingham, Mrs. B. Wayne.....1317 W. Ottawa St., Lansing
Bowersox, Mrs. R. J.....627 Whitehills Dr., East Lansing
Breakey, Mrs. Robert.....520 Westmoreland, Lansing
Bradford, Mrs. C. W.....832 Westlawn St., East Lansing
Brown, Mrs. F. W. Jr.....706 Britten, Lansing
Brubaker, Mrs. Earl.....404 S. Jenison, Lansing
Brucker, Mrs. K. B.....610 S. Walnut, Lansing
Bruni, Mrs. John R.....301 W. Barnes St. Lansing
Burhans, Mrs. Robert.....973 Rosewood, East Lansing
Cairns, Mrs. Donald A.....300 S. Washington, Mason
Calomeni, Mrs. A. D.....1523 W. Michigan Avenue,
Lansing

Cameron, Mrs. W. J.....920 N. Capitol, Lansing
Carr, Mrs. E. I.....1915 Moores River Drive, Lansing
Cheney, Mrs. W. D.....Route No. 2, Okemos
Christian, Mrs. L. G.....400 Everett Drive, Lansing
Clark, Mrs. W. E.....809 Ash St., Mason
Clinton, Mrs. George R.....618 S. Jefferson, Mason
Combs, Mrs. Robert G.....427 Orchard, East Lansing
Comstock, Mrs. Howard C.....512 Division, East Lansing
Cook, Mrs. R. J.....105 S. Jenison, Lansing
Cope, Mrs. H. E.....605 Wesermoreland, Lansing
Cordes, Mrs. Jerome F.....2290 Shawnee Trail, Okemos
Cowan, Mrs. John A.....825 Touraine, East Lansing
Cross, Mrs. F. S.....432 Highland, East Lansing
Cummings, Mrs. G. D.....511 Westmoreland Ave
Lansing

Cushman, Mrs. J. F.....408 N. Sycamore, Lansing
Darling, Mrs. L. H.....431 S. Verlinden Ave., Lansing
Dawe, Mrs. C. Douglas.....1541 Ann St., East Lansing
Dean, Mrs. Carleton.....152 Maplewood Drive,
East Lansing

DeVries, Mrs. C. F.....Delta River Road, Lansing
Doyle, Mrs. C. P.....215 N. Logan, Lansing
Drolett, Mrs. Don.....2408 Arlington Rd., Lansing
Drolett, Mrs. L. A.....228 S. Jenison, Lansing
Drolett, Mrs. F. C.....1623 Inverness, Lansing
Dunn, Mrs. F. M.....614 Whitehills Dr., East Lansing

Feeney, Mrs. K. J.....822 Durant, Lansing
Finch, Mrs. R. L.....2227 Pembroke, Lansing
Folkers, Mrs. Leonard.....991 Rosewood, East Lansing
Fortino, Mrs. S. P.....444 West Street, Lansing
Fosget, Mrs. Wilbur.....210 E. Hillsdale, Lansing
Freeland, Mrs. Orrin H.....602 N. Hogsback Rd., Mason
French, Mrs. H. L.....Delta River Rd., Lansing
Fryer, Mrs. Douglas L.....726 Touraine, East Lansing
Gardner, Mrs. C. B.....1815 Moores Diver Dr., Lansing
Goldner, Mrs. R. E.....744 Verlinden Ave., Lansing
Harris, Mrs. H. W.....2535 Clifton, Lansing
Harrison, Mrs. Wm. H.....1306 Hyland, Lansing
Harrold, Mrs. J. F.....1713 Osborn Rd., Lansing
Hart, Mrs. L. C.....119 W. Lenawee, Lansing
Hayes, Mrs. Robert E.....1020 Britten, Lansing
Hayford, Mrs. W. D.....1006 Wildwood Dr., East Lansing
Hayter, Mrs. Robert.....2707 S. Washington, Lansing
Haze, Mrs. H. A.....Hotel Olds, Lansing
Heald, Mrs. Gordon.....345 Whitehills Dr., East Lansing
Heckert, Mrs. F. B.....Delta River Rd., Lansing
Heckert, Mrs. J. K.....E. Grand River at Hagadorn
East Lansing

Heerdt, Mrs. Mark.....2195 Kent, Okemos
Henderson, Mrs. Norman.....220 W. Madison St., Lansing
Hermes, Mrs. E. J., 604 W. Willow Street, Lansing
Heustis, Mrs. A. E. 410 Cowley Avenue, East Lansing
Himmelberger, Mrs. R. J.....227 West, Lansing
Hodges, Mrs. Kenneth.....421 West St., Lansing
Hogg, Mrs. Raymond.....964 S. Cedar, Holt
Holland, Mrs. Charles F.166 Orchard, East Lansing
Holm, Mrs. M. L.....913 W. Allegan, Lansing
Holt, Mrs. Stephen.....4251 Glendale Ave, Detroit 38
Huggett, Mrs. C. C.....1531 Osborn Rd., Lansing
Hurth, Mrs. M. S.....1717 Jerome, Lansing
Isbister, Mrs. J. L.....104 S. Jenison, Lansing
Jacob, Mrs. S. S.....1044 Wildwood Dr., East Lansing
Johnson, Mrs. David B.....1426 Sherwood, East Lansing
Johnson, Mrs. K. H.....1539 Spencer, Lansing
Johnson, Mrs. H. T.....817 N. Foster, Lansing
Jones, Mrs. Francis, Sr. 1025 Roxburgh Rd., E. Lansing
Jones, Mrs. F. A. Jr., 1025 Roxburgh Rd., E. Lansing
June, Mrs. R. C.....2902 Timber Dr., Lansing
Kahn, Mrs. David.....1519 Pershing Ave., Lansing
Kalmbach, Mrs. R. E.....1600 Wellington Rd., Lansing
Keim, Mrs. C. D.....1415 W. Kalamazoo St., Lansing
Kiefer, Mrs. Guy L.....834 Rosewood, East Lansing

Klunzinger, Mrs. Willard.....810 Roxburgh Road,
East Lansing
Kraft, Mrs. Lester.....209 S. Main St., Leslie
Landy, Mrs. G. R.....1023 North Jenison, Lansing
Lange, Mrs. Philip F.....1510 Sunnyside, Lansing
LeDuc, Mrs. Don.....405 University Drive, East Lansing
Leshock, Mrs. J. C.....249 Milford, East Lansing
Le Vett, Mrs. H. L.....431 Kedzie Drive, East Lansing
Lewis, Mrs. Clayton.....1107 N. Capitol, Lansing
Loree, Mrs. Maurice.....1615 Abbott Rd., East Lansing
Lucas, Mrs. T. A.....2829 Creston, Lansing
Ludlum, Mrs. L. C.....1126 W. Saginaw, Lansing
Martin, Mrs. Wayne.....4765 Nakoma Dr., Okemos
McCorvie, Mrs. C. R.....12A Hillcrest Village,
East Lansing
McCrumb, Mrs. R. R.....1216 Parkdale, Lansing
McElmurry, Mrs. L. R.....1610 W. Michigan Avenue,
Lansing
McGillicuddy, Mrs. O. B.....820 Roxburgh Road,
East Lansing
McGillicuddy, Mrs. Robert.....528 E. Oakwood Drive,
East Lansing
McIntyre, Mrs. J. E.....600 S. Grand Avenue, Lansing
McNamara, Mrs. B. E.....804 W. Ottawa Street, Lansing
Meade, Mrs. William.....535 Ardson Rd., East Lansing
Meade, Mrs. Robert.....520 Ann St., East Lansing
Melick, Mrs. Richard C.....1616 W. Michigan, Lansing
Menzies, Mrs. Clifford.....734 Linden St., East Lansing
Mercer, Mrs. W. E.....909 Glenhaven, East Lansing
Miller, Mrs. Harold.....1600 Roseland, Royal Oak
Monfort, Mrs. Robert.....900 Audubon Rd., East Lansing
Morrow, Mrs. R. J.....411 W. Ottawa Street, Lansing
Neering, Mrs. Jas. C.....517 Carey, Lansing
Ochsner, Mrs. P. J.....3129 Cambridge Rd., Lansing
Osborn, Mrs. S.....528 W. Ottawa St., Lansing
Paine, Mrs. William G.....724 Rosewood Ave.,
East Lansing
Palmer, Mrs. R. E.....535½ S. Capitol, Lansing
Phillips, Mrs. David.....715 W. Washtenaw, Lansing
Phillips, Mrs. Robert W.....1259 W. Grand River,
East Lansing
Pinkham, Mrs. R. A.....535 N. Capitol Avenue, Lansing
Place, Mrs. E. H.....Detroit
Plesscher, Mrs. W. H.....6293 Reynolds Rd.,
East Lansing
Pomeroy, Mrs. R. W.....504 Division, East Lansing
Prall, Mrs. H. J.....214 W. Main St., Lansing
Randall, Mrs. O. M.....1805 Moores River Drive, Lansing
Robson, Mrs. E. J.....728 Audubon Road, East Lansing
Rozan, Mrs. J. S.....600 N. Capitol, Lansing
Rulison, Mrs. J.....2100 Colonial Plaza, Lansing
Ruhmkorff, Mrs. Ralph H.....1060 Glenhaven,
East Lansing
Russell, Mrs. Claude V.....3813 W. Willow, Lansing

Rutledge, Mrs. S.....1035 Northlawn, East Lansing
Sander, Mrs. John.....4275 Dobie Rd., Okemos
Schultz, Mrs. Arthur.....4646 Ottawa Dr., Okemos
Shapiro, Mrs. Hyman D.....615 S. Capitol, Lansing
Sharp, Mrs. Mahlon.....950 Audubon Rd., East Lansing
Shaw, Mrs. Milton.....415 West Street, Lansing
Sherman, Mrs. George.....504 Cowley, East Lansing
Sichler, Mrs. Harper.....443 Clifton Blvd., East Lansing
Silverman, Mrs. I. E.....1602 Clifton, Lansing
Sleight, Mrs. J. L.....1426 Vine St., Lansing
Smith, Mrs. A. V.....116 Sycamore, Mason
Snell, Mrs. Dana M.....312 N. Harrison Rd., East Lansing
Snyder, Mrs. LeMoyné.....727 Audubon Road,
East Lansing
Spagnuolo, Mrs. A. J.....2304 Marion Avenue, Lansing
Spencer, Mrs. Chas. T.....1134 Southlawn, East Lansing
Spencer, Mrs. P. C.....602 Northlawn, East Lansing
Stanley, Mrs. A. L.....408 Whitehills Drive, East Lansing
Steiner, Mrs. A. A.....R.F.D. No. 3, Grand Ledge
Steiner, Mrs. S. D.....413 Clarendon Street, East Lansing
Stiles, Mrs. Frank.....615 Northlawn, East Lansing
Stilwell, Mrs. George D.....518 Sunrise Ct., East Lansing
Stimson, Mrs. Paul R.....1841 Clark, Lansing
Stone, Mrs. Ben J.....2411 Fairfax, Colonial Village,
Lansing
Stow, Mrs. Robert M.....1063 Rosewood, East Lansing
Strauss, Mrs. P. C.....1514 Osborn Rd., Lansing
Stringer, Mrs. C. J.....1701 W. Kalamazoo St., Lansing
Stucky, Mrs. G. C.....624 W. Ottawa St., Lansing
Sundell, Mrs. Edwin C.....338 Marshall, East Lansing
Swartz, Mrs. F. C.....500 Kedzie Dr., East Lansing
Tamblyn, Mrs. F. W.....Waverly Rd., R. 3, Lansing
Toothaker, Mrs. K. W.....1609 W. Michigan Ave., Lansing
Towne, Mrs. L. C.....701 Britten, Lansing
Trescott, Mrs. R. F.....218 Chesterfield Pkwy.
East Lansing
Trimby, Mrs. Robert.....850 N. Foster, Lansing
Troost, Mrs. F. L.....4395 W. Delhi, Holt
VanderZalm, Mrs. T. P.....1452 Cambridge Rd., Lansing
Venier, Mrs. J. H.....812 Sparrow Avenue, Lansing
Von Lackum, Mrs. Leroy.....Alma
Wadley, Mrs. Ralph.....930 Roxburgh, East Lansing
Walker, Mrs. L.....1652 Sunnyside, Lansing
Warford, Mrs. J. T.....215 S. Butler, Lansing
Webb, Mrs. Roy.....2176 Hamilton Rd., Box No. 3,
Okemos
Weinburg, Mrs. H. B.....520 Butterfield, East Lansing
Wellman, Mrs. John.....1809 W. Hillsdale, Lansing
Wilensky, Mrs. Thomas.....527 W. Oakwood, East Lansing
Wiley, Mrs. H. W.....402 N. Jenison, Lansing
Willson, Mrs. Howard.....435 McPherson St., Lansing
Wilson, Mrs. H. A.....222 Strathmore, Lansing
Wolcott, Mrs. Lester E.....2377 Seminole Dr., Okemos
Worthington, Mrs. R.....717 Britten Street, Lansing

IONIA COUNTY

Buck, Mrs. Jack.....118 N. Jefferson St., Ionia
Campbell, Mrs. R. E.....340 E. Main, Ionia
Cook, Mrs. George.....649 Riverside Dr., Ionia
Foust, Mrs. J. C.....Baldie St., Ionia
Hoffs, Mrs. M. A.....Eagle Pt., Lake Odessa
Kopchick, Mrs. Joseph.....Muir
Minick, Mrs. Wm. G.....Belding

Slagh, Mrs. M. E.....188 Main, Saranac
Smith, Mrs. Robert.....Roselawn Terrace, Ionia
Socha, Mrs. Edmund.....217 East Main St., Ionia
Tannheimer, Mrs. John F.....4 Lovell, Ionia
Trinca, Mrs. Peter J.....236 E. Washington, Ionia
Van Loo, Mrs. J. A.....Belding

JACKSON COUNTY

Abraham, Mrs. A. O.....Hudson
Adams, Mrs. E. W.....7390 Oakridge Dr., Jackson
Ahronheim, Mrs. J. H.....1410 Greenwood Ave., Jackson
Alter, Mrs. R. H.....1805 Kibbe, Jackson
Anderson, Mrs. W. B.....815 Briarcliff Road, Jackson
Appel, Mrs. Saul.....808 S. Durand, Jackson
Baker, Mrs. G. M.....Parma
Bartholic, Mrs. F. W.....R. No. 1, Rives Junction

Beckwith, Mrs. S. A.....Stockbridge
Brashares, Mrs. Z. A.....Brooklyn
Bullen, Mrs. G. R.....418 Third Street, Jackson
Clarke, Mrs. C. S.....1046 Fourth Street, Jackson
Cooley, Mrs. Charles W.....315 S. Wisner, Jackson
Cooley, Mrs. R. M.....141 E. Robinson, Jackson
Corley, Mrs. Cecil.....504 Wildwood, Jackson
Corley, Mrs. R. W.....1104 W. Michigan, Jackson

Corley, Mrs. E. H.....1211 W. Franklin, Jackson
 Cox, Mrs. Ferdinand.....1601 Fourth Street, Jackson
 Culver, Mrs. G. D.....Stockbridge
 DeMay, Mrs. C. E.....410 DeMay Street, Jackson
 DeMay, Mrs. J. D.....1204 Third, Jackson
 Deming, Mrs. R. C.....764 Union Street, Jackson
 Dengler, Mrs. C. R.....504 Third Street, Jackson
 Dickman, Mrs. H. M.....Hudson
 Douglas, Mrs. E. W.....924 Cooper, Jackson
 Filip, Mrs. H. K.....755 W. Michigan, Jackson
 Finton, Mrs. R. E.....1812 Grovedale, Jackson
 Finton, Mrs. Walter L.....1502 Carlton Blvd., Jackson
 Hackett, Mrs. T. E.....1124 Burr Street, Jackson
 Hackett, Mrs. T. L.....3160 Reynolds Road, Jackson
 Hanft, Mrs. C. F.....Springport
 Hardie, Mrs. G. C.....218 Fourth, Jackson
 Harris, Mrs. L. J.....607 W. Washington, Jackson
 Hart, Mrs. Vernon L.....518 S. Brown St., Jackson
 Hicks, Mrs. G. C.....1009 Wildwood Ave., Jackson
 Holcomb, Mrs. William.....Grass Lake
 Holst, Mrs. J. B.....1437 Wickwire Road, Jackson
 Hunt, Mrs. M. E.....160 Pierce, Vandercook Lake
 Hurley, Mrs. H. L.....734 Bloomfield Blvd., Jackson
 Joerin, Mrs. W. A.....734 Griswold, Jackson
 Karr, Mrs. J. P.....844 Woodbine, Jackson
 Keefer, Mrs. A. H.....Concord
 Kempton, Mrs. George.....748 Crescent Rd., Jackson
 Kline, Mrs. Starr.....3525 Jefferson Rd., Clark Lake
 Kraft, Mrs. L. C.....Leslie
 Kudner, Mrs. D. F.....1300 W. Franklin, Jackson
 Lake, Mrs. Ed.....786 Bloomfield Blvd., Jackson
 Lake, Mrs. W. H.....109 S. Elm, Jackson
 Landron, Mrs. Daniel.....4633 Page Avenue, Jackson
 Lathrop, Mrs. W. W.....231 West Washington, Jackson
 Leahy, Mrs. E. O.....1826 Grovedale Avenue, Jackson
 Lenz, Mrs. C. R.....1833 Shoemaker Drive, Jackson
 Leonard, Mrs. C. A.....1116 S. Bowen, Jackson
 Lewis, Mrs. E. F.....609 S. Wisner, Jackson
 Linden, Mrs. V. E.....5712 Brown's Lake Rd., Jackson
 Ludwick, Mrs. J. E.....6220 Brooklyn Road, Jackson
 Ludwick, Mrs. John P.....8921 Matthews Rd., Horton
 McGarvey, Mrs. W. E.....319 S. Higby, Jackson
 McLaughlin, Mrs. John.....1609 W. Franklin, Jackson
 McLaughlin, Mrs. M. J.....R.F.D. No. 1 Brown's Lake
 Road, Jackson
 McLauthlin, Mrs. H. B.....200 S. Higby, Jackson
 Meads, Mrs. J. B.....1714 Fourth Street, Jackson
 Medlar, Mrs. B. E.....407 S. Wisner, Jackson
 Miller, Mrs. J. L.....805 S. Durand, Jackson
 Morelli, Mrs. Lorenzo.....514 S. Brown St., Jackson
 Munro, Mrs. C. D.....740 W. Michigan, Jackson

Munro, Mrs. N. D.....407 Edward, Jackson
 Murphy, Mrs. B. M.....729 Oakdale, Jackson
 Myers, Mrs. J. H.....1902 Grovedale, Jackson
 Newton, Mrs. R. E.....3124 Horton Road, Jackson
 Oleksy, Mrs. S. P.....744 W. Michigan, Jackson
 Otis, Mrs. Grant L.....922 Oakgrove Rd., Jackson
 Parker, Mrs. E. E.....Leslie
 Payne, Mrs. A. K.....914 S. Brown Street, Jackson
 Phillips, Mrs. G. H.....326 W. Cortland St., Jackson
 Porter, Mrs. H. W.....1008 Carlton Blvd., Jackson
 Pray, Mrs. F. F.....310 Steward Avenue, Jackson
 Pray, Mrs. G. R.....404 S. Jackson, Jackson
 Rice, Mrs. J. W.....705 Bloomfield Blvd., Jackson
 Ries, Mrs. R. G.....824 Brown's Lake Rd., Jackson
 Riley, Mrs. Philip.....205 W. Franklin St., Jackson
 Sargent, Mrs. L. E.....114 N. Thompson, Jackson
 Sautter, Mrs. W. A.....Horton
 Schepler, Mrs. C. W.....Brooklyn
 Schuerer, Mrs. P. A.....Manchester
 Schmidt, Mrs. T. E.....1414 W. Washington, Jackson
 Scott, Mrs. J. A.....119 S. Bowen, Jackson
 Shaeffer, Mrs. A. M.....120 S. Durand, Jackson
 Shaeffer, Mrs. Dale.....206 S. Wisner St., Jackson
 Sher, Mrs. D. B.....956 Cooper, Jackson
 Sill, Mrs. H. W.....214 S. Durand, Jackson
 Sirhal, Mrs. Alfred M.....5660 N. Shore Dr., Clark Lake
 Smith, Mrs. D. W.....1205 Washington, Jackson
 Smith, Mrs. J. C.....204 Steward Ave., Jackson
 Southwick, Mrs. Wayne A.....948 Cooper St., Jackson
 Stewart, Mrs. L. L.....308 Edgewood St., Jackson
 Stewart, Mrs. Lewis L.....220 Summitt St., Jackson
 Stolberg, Mrs. Carl A.....754 Oakridge Drive, Jackson
 Stone, Mrs. E. L.....1011 S. Brown Street, Jackson
 Susskind, Mrs. M. V.....707 S. Durand, Jackson
 Taylor, Mrs. R. V.....800 S. Grinnell, Jackson
 Thalner, Mrs. L. F.....609 W. Michigan, Jackson
 Thayer, Mrs. E. A.....2018 Spring Arbor Road, Jackson
 Thompson, Mrs. Tom.....200 Fourth, Jackson
 Torwick, Mrs. E. T.....600 S. Grinnell, Jackson
 Townsend, Mrs. J. W.....108 Hague, Jackson
 Van Schoick, Mrs. Frank.....1301 Greenwood Avenue,
 Jackson
 Van Schoick, Mrs. John.....Hanover
 Van Wagnen, Mrs. F. I.....1232 First Street, Jackson
 Vivirski, Mrs. E. E.....603 S. Elm, Jackson
 Wallace, Mrs. W. S.....816 Second St., Jackson
 Weddon, Mrs. Edward R.....Stockbridge
 Wholihan, Mrs. John.....602 W. Michigan, Jackson
 Wickham, Mrs. W. A.....1902 Fourth Street, Jackson
 Winter Mrs. George E.....1102 First St., Jackson

KALAMAZOO COUNTY

Aach, Mrs. Hugo.....33232 Bronson Blvd., Kalamazoo
 Alexander, Mrs. C. A.....8312 Gull Rd., Kalamazoo
 Andrews, Mrs. Sherman.....2326 Springhill Dr., Kalamazoo
 Appel, Mrs. Ben.....516 Montrose, Kalamazoo
 Appel, Mrs. William.....1826 Paddington Rd., Kalamazoo
 Balch, Mrs. R. E.....Melbourne, Fla.
 Banner, Mrs. L. R.....Hickory Corners
 Barak, Mrs. Herbert.....2122 Chevy Chase, Kalamazoo
 Barnabee, Mrs. James.....503 S. Burdick, Kalamazoo
 Barry, Mrs. Manley.....R.F.D. No. 3, Kalamazoo
 Bennett, Mrs. Keith.....2338 Tipperary Road, Kalamazoo
 Betz, Mrs. Eldean.....1521 Timberlane Dr., Kalamazoo
 Birch, Mrs. W.....1539 Grand Ave., Kalamazoo
 Borgman, Mrs. Wallace.....106 Thompson, Kalamazoo
 Boys, Mrs. C. E.....145 Prospect, Kalamazoo
 Breneman, Mrs. James.....25 Pearl St., Galesburg
 Brown, Mrs. I. W.....1628 Cambridge Rd., Kalamazoo
 Brue, Mrs. Peter Paul.....1009 Cambridge Dr., Kalamazoo
 Burbidge, Mrs. Earl.....359 Park Ave., Parchment
 Burrell, Mrs. Robert.....2017 Hillandale Ave., Kalamazoo
 Callander, Mrs. C. G.....4418 Lake Forest Dr., Kalamazoo
 Chrest, Mrs. C. P.....2740 Bronson Blvd., Kalamazoo
 Cobb, Mrs. H. R.....3403 Knox Ave., Kalamazoo
 Collins, Mrs. W. E.....447 W. Walnut, Kalamazoo

Conrad, Mrs. Maynard.....1509 Timberlane Dr., Kalamazoo
 Cook, Mrs. R. G.....615 Clinton, Kalamazoo
 Cooper, Mrs. Paul.....4326 Oakland Dr., Kalamazoo
 Crane, Mrs. Bart.....420 S. Rose, Kalamazoo
 Crawford, Mrs. Kenneth.....1532 Grand Ave., Kalamazoo
 Creager, Mrs. F. A.....907 Wheaton, Kalamazoo
 Cretsinger, Mrs. Francis.....2012 Chevy Chase Blvd.,
 Kalamazoo
 Crum, Mrs. Lee.....Galesburg
 Currier, Mrs. K.....1223 Kilgore Rd., Kalamazoo
 Dana, Mrs. Robert.....2240 Sheffield Dr., Kalamazoo
 DeGroat, Mrs. A. F.....406 Fairfax, Kalamazoo
 Delbert, Mrs. Stewart G.....410 Edgemoor, Kalamazoo
 DeLong, Mrs. Robert.....110 W. Crescent Dr., Kalamazoo
 DenBlyker, Mrs. Walter.....513 S. Burdick, Kalamazoo
 DePree, Mrs. H. E.....708 Whites Rd., Kalamazoo
 Dew, Mrs. Robert.....2253 Sheffield Dr., Kalamazoo
 DeWitt, Mrs. Leslie.....1417 Academy, Kalamazoo
 DeWitt, Mrs. Norman.....161 S. Prospect St., Kalamazoo
 Dick, Mrs. Leo.....428 Stuart, Kalamazoo
 Doezeema, Mrs. Edward.....802 Grand Pre, Kalamazoo
 Dowd, Mrs. B. J.....1415 Henderson Dr., Kalamazoo
 Doyle, Mrs. Fred.....3240 Bronson Blvd., Kalamazoo
 Endrei, Mrs. Arisztid.....Box A, State Hospital, Kalamazoo

Fast, Mrs. Ralph.....1425 Low Road, Kalamazoo
 Fath, Mrs. August.....5029 Angling Rd., Kalamazoo
 Finton, Mrs. Max.....1418 Kilgore Road, Kalamazoo
 Fopeano, Mrs. John.....2121 Sheffield Dr., Kalamazoo
 French, Mrs. M.....1128 Miles, Kalamazoo
 Fuller, Mrs. Paul.....115 Carmel, Kalamazoo
 Gerstner, Mrs. Louis.....410 Edgemoor, Kalamazoo
 Gladstone, Mrs. William.....4696 Sunnybrook Dr.,
 Kalamazoo
 Green, Mrs. William.....2622 Alta Vista, Kalamazoo
 Grekin, Mrs. Robert.....1522 Southern, Kalamazoo
 Haddock, Mrs. D. A.....4426 Lake Forest Dr., Kalamazoo
 Hammer, Mrs. John.....121 Monroe, Kalamazoo
 Hanson, Mrs. Curtis.....1207 Maple, Kalamazoo
 Harrelson, Mrs. W. D.....3625 Old Colenv Rd.,
 Kalamazoo
 Hayner, Mrs. Russell.....1404 Cambridge Dr., Kalamazoo
 Heersma, Mrs. H. S.....1924 Winchell, Kalamazoo
 Herbert, Mrs. Walter.....2777 Highland Park, Richland
 Hersey, Dr. Margaret.....4407 Bronson Blvd., Kalamazoo
 Hildreth, Mrs. Roscoe.....226 Grandview, Kalamazoo
 Hodgman, Mrs. A. B.....1601 Grand Ave., Kalamazoo
 Hoebeke, Mrs. W. G.....1408 Long Road, Kalamazoo
 Holder, Mrs. C. O.....1207 Oakland Dr., Kalamazoo
 Howard, Mrs. Grant.....2025 Chevy Chase Blvd.,
 Kalamazoo
 Hubbell, Mrs. R. J.....3538 Bronson Blvd., Kalamazoo
 Irwin, Mrs. Wm.....2333 Sheffield Drive, Kalamazoo
 Jackson, Mrs. H.....1224 Hillcrest, Kalamazoo
 Jennings, Mrs. Robert.....814 Oakland Dr., Kalamazoo
 Jennings, Mrs. W. O.....1136 Long Road, Kalamazoo
 Kavanaugh, Mrs. Wm.....1412 Vale View, Kalamazoo
 Kilgore, Mrs. Robert.....5140 Morningside Dr., Kalamazoo
 Klerk, Mrs. Wm.....2421 Waite, Kalamazoo
 Koestner, Mrs. P.....742 Norton Dr., Kalamazoo
 Lavender, Mrs. Howard.....605 Norton Drive, Kalamazoo
 Lawrence, Mrs. James.....1409 Henderson Dr., Kalamazoo
 Lemmer, Mrs. Richard.....2933 Bronson Blvd., Kalamazoo
 Light, Mrs. R. U.....1212 Long Rd., Kalamazoo
 Locklin, Mrs. W.....4444 Lake Forest Drive, Kalamazoo
 Loynd, Mrs. James.....4041 Hillandale, Kalamazoo
 MacDonald, Mrs. Marshall.....2824 Hill N Brook,
 Kalamazoo
 MacGregor, Mrs. John.....226 Church, Parchment
 Machin, Mrs. Harold.....2348 Tipperary Rd., Kalamazoo
 Malone, Mrs. James.....3809 Bronson Blvd., Kalamazoo
 Margolis, Mrs. Fred.....2134 Waite Ave., Kalamazoo

Marshall, Mrs. Don.....2344 Sheffield Dr., Kalamazoo
 Marshall, Mrs. William.....160 Edgemoor, Kalamazoo
 Martens, Mrs. Irvin.....1305 Waverly, Kalamazoo
 May, Mrs. Donald.....1327 Maple, Kalamazoo
 McCarthy, Mrs. J. S.....1005 Oakland Drive, Kalamazoo
 Moe, Mrs. Rex.....4015 Hillandale Dr., Kalamazoo
 Morter, Mrs. R. A.....2421 Sheffield, Kalamazoo
 Nibbelink, Mrs. Benjamin.....6838 N. 25th St., Kalamazoo
 Nook, Mrs. E. J.....2327 Sheffield Drive, Kalamazoo
 Overbey, Mrs. Chas. Jr.....Kal. State Hospital, Kalamazoo
 Patmos, Mrs. Martin.....1207 Cherry, Kalamazoo
 Pearson, Mrs. Edwin.....1026 Dwillard Dr., Kalamazoo
 Peelen, Mrs. Matthew.....156 Monroe, Kalamazoo
 Peelen, Mrs. Wm.....943 W. Inkster, Kalamazoo
 Perry, Mrs. C. W.....2030 Waite, Kalamazoo
 Pullon, Mrs. Alton.....3114 Bronson Blvd., Kalamazoo
 Rasmussen, Mrs. Leo.....205 N. Michigan, Vicksburg
 Rigerink, Mrs. Gerald.....2424 S. Park, Kalamazoo
 Roberts, Mrs. M. S.....118 Bulkley, Kalamazoo
 Rockwell, Mrs. D.....1227 Jefferson, Kalamazoo
 Rogers, Mrs. R. J.....108 Mill St., Vicksburg
 Ryan, Mrs. F. P.....2511 Glenwood Dr., Kalamazoo
 Scholten, Mrs. Roger.....930 W. Inkster, Kalamazoo
 Schrier, Mrs. C. M.....1223 Oakland Dr., Kalamazoo
 Scott, Mrs. Wm.....R.R. No. 7, Box 486, Kalamazoo
 Shook, Mrs. Ralph.....2211 Benjamin, Kalamazoo
 Siemsen, Mrs. W. J.....1009 Roseland, Kalamazoo
 Sisk, Mrs. W. M.....2421 Outlook, Kalamazoo
 Slatmeyer, Mrs. Karel.....118 S. Prairie, Kalamazoo
 Smith, Mrs. T. C.....1215 Oakland Dr., Kalamazoo
 Sofen, Mrs. M. B.....903 Edgemoor, Kalamazoo
 Southworth, Mrs. Maynard.....Schoolcraft
 Stewart, Mrs. William.....2945 Duke St., Kalamazoo
 Stiller, Mrs. Anthony.....1235 N. Hillandale Dr.,
 Kalamazoo
 Stryker, Mrs. Homer.....448 W. Inkster, Kalamazoo
 Upjohn, Mrs. E. Gifford.....2230 Glenwood Ave.,
 Kalamazoo
 Vander Velde, Mrs. Kenneth.....1910 Waite, Kalamazoo
 Verhage, Mrs. M. D.....1748 Greenlawn Ave., Kalamazoo
 Volderauer, Mrs. John.....905 Edgemoor Ave., Kalamazoo
 Warnke, Mrs. R. D.....3012 Kenilworth, Kalamazoo
 Weadon, Mrs. P.....2255 Tipperary, Kalamazoo
 Williamson, Mrs. Edwin.....6343 Douglas, Kalamazoo
 Wu, Mrs. Jack Foy.....3719 Duke St., Kalamazoo
 Youngs, Mrs. C. A.....416 S. Burdick, Kalamazoo

KENT COUNTY

Aitken, Mrs. Geo. T.....936 Santa Lucia Dr., S.E.,
 Grand Rapids
 Albers, Mrs. G. Donald.....1838 Argentina Dr., S.E.,
 Grand Rapids
 Aldridge, Mrs. Charles.....1574 Mackinaw Rd., S.E.,
 Grand Rapids
 Andre, Mrs. Harvey M.....1121 Giddings Ave., S.E.,
 Grand Rapids
 Baert, Mrs. Geo. H.....631 Prospect Ave., S.E.,
 Grand Rapids
 Ballard, Mrs. M. S.....9 College, N.E., Grand Rapids
 Barofsky, Mrs. Gerald F.....653 Griswold, S.E.,
 Grand Rapids
 Balyeat, Mrs. Gordon W.....150 Morningside Dr., S.E.,
 Grand Rapids
 Batts, Mrs. Martin.....246 Aurora, S.E., Grand Rapids
 Beaton, Mrs. James H.....1556 Pontiac Rd., S.E.,
 Grand Rapids
 Beeman, Mrs. Carl B.....3040 Bonnell S.E., Grand Rapids
 Beets, Mrs. W. C.....2221 Jefferson Dr., S.E.,
 Grand Rapids
 Bell, Mrs. C. M.....3121 Oakhollow Dr., S.E.,
 Grand Rapids
 Benjamin, Mrs. Howard.....957 Maxwell S.E.,
 Grand Rapids
 Benson, Mrs. R. R.....1138 Chippewa Dr., S.E.,
 Grand Rapids

Bergsma, Mrs. Stuart.....1942 Sherman, S.E., Grand Rapids
 Bignall, Mrs. Rex.....2637 Belfast S.E., Grand Rapids
 Blackburn, Mrs. H. M.....2401 Breton Rd., S.E.,
 Grand Rapids
 Blocksma, Mrs. Ralph.....739 Prospect, S.E., Grand Rapids
 Boelkins, Mrs. Richard C.....834 Giddings, S.E.,
 Grand Rapids
 Boersma, Mrs. Donald.....920 Chippewa Dr., S.E.,
 Grand Rapids
 Boet, Mrs. John T.....551 Fountain, N.E., Grand Rapids
 Bonzelaar, Mrs. Marvin.....1612 Woodward, S.E.,
 Grand Rapids
 Booher, Mrs. Craig.....2609 Albert Dr., S.E., Grand Rapids
 Boyce, Mrs. David C.....2310 Estelle Dr., S.E.,
 Grand Rapids
 Brace, Mrs. Fred C.....2311 Academy Dr., N.E.,
 Grand Rapids
 Brink, Mrs. J. Russell.....1901 Argentina Dr., S.E.,
 Grand Rapids
 Brook, Mrs. J. D.....65 S. Wilson Avenue, Grandville
 Buist, Mrs. Samuel J.....1115 Santa Barbara, S.E.,
 Grand Rapids
 Bull, Mrs. Frank.....65 S. State St., Sparta
 Burroughs, Mrs. Frank Jr.....159 S. Ottawa, Grandville
 Butler, Mrs. Wm. J.....327 Briarwood, S.E., Grand Rapids
 Caukin, Mrs. Howard.....2451 Richard Dr., S.E.,
 Grand Rapids

Carpenter, Mrs. Luther C.....1818 Argentina Dr., S.E.,
Grand Rapids
Cayce, Mrs. William.....640 Kent Hills Rd., Grand Rapids
Chandler, Mrs. Donald.....3347 E. Belt Line, N.E.,
Grand Rapids
Chase, Mrs. R. Jack.....849 Maxwell, S.E., Grand Rapids
Clahassey, Mrs. Erwin.....427 Mulford Dr., S.E.,
Grand Rapids
Clement, Mrs. Duane M.....213 Hampton, S.E.,
Grand Rapids
Colvin, Mrs. Walter G.....48 Bel Air Dr., N.E.,
Grand Rapids
Corbus, Mrs. Burton R.....325 Union, S.E., Grand Rapids
Crane, Mrs. Harold.....2221 Madison, S.E., Grand Rapids
Cuncannon, Mrs. Edward M.....1745 Eastern, S.E.,
Grand Rapids
Currier, Mrs. Fred P.....955 Floral Dr., S.E.,
Grand Rapids
Damstra, Mrs. Harold J.....1022 Santa Cruz Dr., S.E.,
Grand Rapids
Davis, Mrs. David B.....1050 San Lucia Dr., S.E.,
Grand Rapids
Davis, Mrs. Roy A.....1420 Berkshire Dr., S.E.,
Grand Rapids
Dawson, Mrs. W. Douglas.....1021 Iroquois Dr., S.E.,
Grand Rapids
DeBoer, Mrs. C. J.....191 Elwood, Grandville
DeBoer, Mrs. Guy W.....41 Maryland N.E., Grand Rapids
DeMaagd, Mrs. Gerald.....185 S. Monroe, Rockford
DeMol, Mrs. Richard J.....2425 College, S.E.,
Grand Rapids
Denham, Mrs. Robert H.....535 Plymouth Dr., S.E.,
Grand Rapids
DePree, Mrs. Joe.....849 Pinecrest, S.E., Grand Rapids
DeVel, Mrs. Leon.....739 Plymouth Dr., S.E.,
Grand Rapids
DeVries, Mrs. Daniel.....82 Maryland, S.E., Grand Rapids
Dewey, Mrs. K. A.....3205 Bonnell Dr., S.E.,
Grand Rapids
DeYoung, Mrs. Thies.....35 E. Division, Sparta
Diskey, Mrs. Donald G.....1911 Lake Michigan Dr., N.W.,
Grand Rapids
Dixon, Mrs. Willis L.....7088 Weller Dr., Rockford
Dixon, Mrs. W. L.....233 Boston, S.E., Grand Rapids
Doctor, Mrs. Luebert.....3496 Lake Dr., S.E.,
Grand Rapids
Doyle, Mrs. John L.....875 Elliott, S.E., Grand Rapids
Droste, Mrs. James C.....1545 Seminole Rd., S.E.,
Grand Rapids
Dyer, Mrs. David.....550 Morris, S.E., Grand Rapids
Eaton, Mrs. Robert M.....243 Aurora, S.E., Grand Rapids
Eggleston, Mrs. H. R.....117 Page N.E., Grand Rapids
Failing, Mrs. John F.....2617 Lake Michigan Dr., N.W.,
Grand Rapids
Farber, Mrs. Charles E.....2550 Maplewood Dr.,
Grand Rapids
Faust, Mrs. Lawrence W.....405 Manhattan Rd., S.E.,
Grand Rapids
Fellows, Mrs. Kenneth F.....3341 Ashton Rd., S.E.,
Grand Rapids
Ferguson, Mrs. James.....2230 Hall, S.E., Grand Rapids
Ferguson, Mrs. Lynn A.....635 Cambridge, S.E.,
Grand Rapids
Ferguson, Mrs. Ward S.....2117 Hall, S.E., Grand Rapids
Ferrand, Mrs. Louis G.....119 N. Monroe, Rockford
Fitts, Mrs. Ralph L.....1930 Michigan Rd., N.E.,
Grand Rapids
Fitzgerald, Mrs. Erwin L.....2005 Hall, S.E., Grand Rapids
Flintoff, Mrs. William.....720 Ethel, S.E., Grand Rapids
Foshee, Mrs. J. C.....315 Madison, S.E., Grand Rapids
Frantz, Mrs. Charles H.....1860 Lake Dr., S.E.,
Grand Rapids
Fuller, Mrs. E. H.....260 Paris, S.E., Grand Rapids
Fuller, Mrs. William J.....2633 Frederick Drive, S.E.,
Grand Rapids
Gamm, Mrs. Kenneth E.....456 Morris, S.E.,
Grand Rapids

Gibbs, Mrs. Floyd.....155 Maryland, S.E., Grand Rapids
Gilbert, Mrs. R. H.....1125 San Jose, S.E., Grand Rapids
Gillett, Mrs. F. S.....1928 Sherman, S.E., Grand Rapids
Grant, Mrs. Lee O.....2730 Bonnell Rd., S.E.,
Grand Rapids
Grass, Mrs. E. J.....858 Pinecrest, S.E., Grand Rapids
Gray, Mrs. Fred B.....2333 Oakwood, S.E., Grand Rapids
Griffith, Mrs. Lucian S.....1934 Sherman, S.E.,
Grand Rapids
Gunning, Mrs. R. E. Lee.....1960 Michigan, N.E.,
Grand Rapids
Haeck, Mrs. William.....1225 Franklin, S.E., Grand Rapids
Hagerman, Mrs. David B.....1551 Seminole, S.E.,
Grand Rapids
Hamp, Mrs. A.....1059 Eastwood, S.E., Grand Rapids
Heetderks, Mrs. Dewey R.....240 Edgehall Dr., S.E.,
Grand Rapids
Hill, Mrs. Morgan.....534 Dogwood Rd., Ada
Hodgen, Mrs. John T.....2320 Fulton Rd., E.
Grand Rapids
Hoekstra, Mrs. A. L.....1812 Kreiser, S.E., Grand Rapids
Holcomb, Mrs. J. Winslow.....1441 Breton Rd., S.E.,
Grand Rapids
Hollander, Mrs. Stephan.....2027 Godwin, S.E.,
Grand Rapids
Hoogerhyde, Mrs. Jack.....3355 Ashton Rd., S.E.,
Grand Rapids
Houghton, Mrs. R. C.....525 Glenwood, S.E.,
Grand Rapids
Hudson, Mrs. H.....1540 Woodlawn, S.E., Grand Rapids
Hufford, Mrs. Alvin R.....2660 Oakwood, S.E.,
Grand Rapids
Humphrey, Mrs. James C.....1134 Cambridge, S.E.,
Grand Rapids
Hydrick, Mrs. Robert.....2013 Hamstead, N.W.,
Grand Rapids
Hyland, Mrs. William A.....2833 Bonnell, S.E.,
Grand Rapids
Ireland, Mrs. H. D.....700 Fuller, N.E., Grand Rapids
Irwin, Mrs. Thomas C.....325 Morris, S.E., Grand Rapids
Jack, Mrs. William.....2201 Breton Rd., S.E., Grand Rapids
Jameson, Mrs. Fred.....2706 Oakwood Dr., S.E.,
Grand Rapids
Jaracz, Mrs. Walter J., Sr.....36 Valley, S.E.,
Grand Rapids
Jaracz, Mrs. Walter J., Jr.....430 Morris, S.E.,
Grand Rapids
Jarvis, Mrs. Chas.....218 Sligh Blvd., N.E., Grand Rapids
Jellema, Mrs. John F.....Maple Beach, Holland
Jensen, Mrs. William B.....2825 Oakwood, S.E.,
Grand Rapids
Johns, Mrs. D.....639 Hoyt, S.E., Grand Rapids
Johnston, Mrs. W. L.....1047 Gladstone, S.E.,
Grand Rapids
Jones, Mrs. Horace.....3004 Oakwood Dr., S.E.,
Grand Rapids
Kelley, Mrs. Edward F.....903 Orchard Ave., S.E.,
Grand Rapids
Klaus, Mrs. C. D.....214 Bristol, N.W., Grand Rapids
Kniskern, Mrs. Paul W.....1555 Edgewood, S.E.,
Grand Rapids
Kooistra, Mrs. Henry P.....1564 Pontiac Road, S.E.,
Grand Rapids
Kool, Mrs. Bernard P.....1486 Burke, N.E., Grand Rapids
Kreulen, Mrs. Henry.....2452 Godwin Ave., Grand Rapids
Kruse, Mrs. William.....2225 Wilshire, S.E., Grand Rapids
Lamberts, Mrs. Austin.....2253 Union, S.E., Grand Rapids
Lanning, Mrs. Nicholas.....1050 Gladstone, S.E.,
Grand Rapids
Lentini, Mrs. Joseph R.....2059 Anderson Dr., S.E.,
Grand Rapids
Lester, Mrs. Vern.....1029 San Juan, S.E., Grand Rapids
Lewis, Mrs. G.....120 Celia, S.E., Grand Rapids
Liefers, Mrs. Harry.....331 Aurora, S.E., Grand Rapids
Lillie, Mrs. Walter.....1038 Pinecrest, S.E., Grand Rapids
List, Mrs. Carl F.....401 Lakeside Dr., S.E., Grand Rapids
MacDonell, Mrs. James.....619 Gladstone, S.E.,
Grand Rapids

MacIntyre, Mrs. Dugald.....562 Plymouth, S.E.,
Grand Rapids

Marsh, Mrs. John P.....1231 Sigsbee, S.E., Grand Rapids

Martinus, Mrs. Martin.....525 Overbrook Lane, S.E.,
Grand Rapids

Mattson, Mrs. Roger.....2692 Frederick Dr., S.E.,
Grand Rapids

McCormick, Mrs. John K.....401 Cheshire Dr., N.E.,
Grand Rapids

McDougal, Mrs. William J.....639 Kent Hills, N.E.,
Grand Rapids

McKenna, Mrs. Joseph L.....1525 Edgewood Dr., S.E.,
Grand Rapids

Meade, Mrs. Richard H., Jr.....750 San Jose, S.E.,
Grand Rapids

Meeuwsen, Mrs. Bernard.....664 Winchell, S.E.,
Grand Rapids

Miller, Mrs. J. Duane.....2565 Frederick Dr., S.E.,
Grand Rapids

Miller, Mrs. J. J.....1580 Water, Marne

Moleski, Mrs. Joseph V.....1911 Hall, S.E., Grand Rapids

Moleski, Mrs. Leo T.....1462 Milton, S.E., Grand Rapids

Moleski, Mrs. Stanley.....1701 Pontiac Rd., S.E.,
Grand Rapids

Moll, Mrs. A. M.....3383 Fulton Rd., S.E., Grand Rapids

Moore, Mrs. Douglas.....1766 Breton Rd., S.E.,
Grand Rapids

Morley, Mrs. John.....1505 Mackinaw, S.E., Grand Rapids

Mouw, Mrs. Dirk.....2352 Jefferson Dr., S.E.,
Grand Rapids

Mulder, Mrs. G. Arthur.....2047 Jefferson Dr., S.E.,
Grand Rapids

Mulder, Mrs. Jacob D.....6850 Division, S., Grand Rapids

Murphy, Mrs. Miles.....1628 Pontiac Rd., S.E.,
Grand Rapids

Nanzig, Mrs. Reinard.....821 Chippewa Dr., S.E.,
Grand Rapids

Nickel, Mrs. Kenneth.....1535 Groton Rd., S.E.,
Grand Rapids

Northouse, Mrs. Peter B.....1524 Pontiac Rd., S.E.,
Grand Rapids

Notier, Mrs. Victor A.....2601 Maplewood Dr., S.E.,
Grand Rapids

Oates, Mrs. Sam M.....518 Morris, S.E., Grand Rapids

Oliver, Mrs. W. W.....7241 Belding Rd., N.E., Rockford

Paalman, Mrs. Russel.....497 Marywood Dr., N.E.,
Grand Rapids

Patterson, Mrs. P. W.....2032 Godwin, S.E., Grand Rapids

Payne, Mrs. C. Allen.....1289 Perkins, N.E., Grand Rapids

Pearson, Mrs. Glenn.....519 Greenwood, S.E.,
Grand Rapids

Pedden, Mrs. John.....230 El Centro Blvd., S.E.,
Grand Rapids

Plekker, Mrs. J. D.....1115 Cadillac Dr., S.E.,
Grand Rapids

Pool, Mrs. J. D.....518 Morris, S.E., Grand Rapids

Porter, Mrs. Howard.....949 Floral Dr., S.E., Grand Rapids

Posthuma, Mrs. Albert.....2247 College, S.E.,
Grand Rapids

Pott, Mrs. Abraham L.....612 Kent Hills Rd., N.E.,
Grand Rapids

Prothro, Mrs. Winston.....465 Cheshire Dr., N.E.,
Grand Rapids

Pyle, Mrs. Henry J.....1016 Waltham, S.E., Grand Rapids

Ragsdale, Mrs. L. V.....720 Plymouth Blvd., S.E.,
Grand Rapids

Ralph, Mrs. L. Paul.....953 Rosewood, S.E., Grand Rapids

Rasmussen, Mrs. R. A.....737 Cambridge, S.E.,
Grand Rapids

Reed, Mrs. Torrance.....565 Morris, S.E., Grand Rapids

Reus, Mrs. Wm. F.....334 Hobart, S.E., Grand Rapids

Riekse, Mrs. James M.....437 Hoyt, S.E., Grand Rapids

Rigterink, Mrs. John W.....1291 Cambridge, S.E.,
Grand Rapids

Riley, Mrs. George L.....1651 Stoddard, N.E.,
Grand Rapids

Ringenberg, Mrs. J. C.....1736 Cambridge Blvd., S.E.,
Grand Rapids

Robb, Mrs. Charles.....433 Rosewood, S.E., Grand Rapids

Rodgers, Mrs. William L.....2865 Lake Drive, S.E.,
Grand Rapids

Rooks, Mrs. Wendell.....1158 Nixon N.W., Grand Rapids

Rosenberg, Mrs. William.....2903 Colt Rd., N.E.,
Grand Rapids

Rosenzweig, Mrs. Leonard.....315 Benjamin, S.E.,
Grand Rapids

Roth, Mrs. Emil M.....319 Morris, S.E., Grand Rapids

Ryan, Mrs. John.....1707 Wealthy, S.E., Grand Rapids

Sanders, Mrs. Jack F.....1184 Griswold, S.E.,
Grand Rapids

Schermerhorn, Mrs. L. J.....40 College, N.E.,
Grand Rapids

Schneider, Mrs. Geo. R.....934 Rosewood, S.E.,
Grand Rapids

Schumacher, Mrs. Earle E.....532 Gladstone, S.E.,
Grand Rapids

Scott, Mrs. William B.....538 Union, S.E., Grand Rapids

Seime, Mrs. Ruben.....R.R. No. 1, Box 65, Ada

Sevey, Mrs. L. E.....1145 Benjamin, S.E., Grand Rapids

Sevensma, Mrs. E. S.....2255 Riverside Dr., N.E.,
Grand Rapids

Sevensma, Mrs. E. S.....2114 Anderson Dr., S.E.,
Grand Rapids

Shellman, Mrs. M. W.....1412 Mackinaw Rd., S.E.,
Grand Rapids

Sidell, Mrs. Richard H.....927 Princeton, S.E.,
Grand Rapids

Siebers, Mrs. B. H.....1431 Burke, N.E., Apt. A,
Grand Rapids

Slemons, Mrs. C. C.....1324 Logan, S.E., Grand Rapids

Sluyter, Mrs. J. S.....839 Iroquois, S.E., Grand Rapids

Smith, Mrs. A. B.....1434 Byron, S.E., Grand Rapids

Smith, Mrs. R. E.....129 Lafayette, S.E., Grand Rapids

Smith, Mrs. R. B.....1529 Burton, S.E., Grand Rapids

Snapp, Mrs. C. F.....1058 Orchard, S.E., Grand Rapids

Snyder, Mrs. C. H.....3250 O'Brien Rd., S.W.,
Grand Rapids

Southwick, Mrs. Christopher.....760 San Jose Dr., S.E.,
Grand Rapids

Southwick, Mrs. G. H.....1935 SanLuRae, S.E.,
Grand Rapids

Steffensen, Mrs. W. H.....443 Plymouth, S.E.,
Grand Rapids

Stonehouse, Mrs. G. G.....208 Pioneer Rd., S.E.,
Grand Rapids

Stoneman, Mrs. Fernley.....40 E. Prairie, Grandville

Stover, Mrs. V. E.....860 Gladstone, S.E., Grand Rapids

Sugiyama, Mrs. T.....1006 Hollywood, N.E., Grand Rapids

Summer, Mrs. John E.....1401 Bemis S.E., Grand Rapids

Swanson, Mrs. Alfred B.....1722 Breton S.E., Grand Rapids

Swenson, Mrs. H. C.....501 Elliott S.E., Grand Rapids

Ten Have, Mrs. John.....3515 Briggs Blvd. NE,
Grand Rapids

Tesseine, Mrs. A. J.....425 Cambridge Blvd., S.E.,
Grand Rapids

Teusink, Mrs. Harry.....39 W. Beech St., Cedar Springs

Thompson, Mrs. Edward C.....1401 Breton Rd., S.E.,
Grand Rapids

Thompson, Mrs. F. D.....333 Gladstone, S.E.,
Grand Rapids

Thomson, Mrs. John W.....2029 Hall S. E.
Grand Rapids

Tidey, Mrs. M. B.....261 College, S.E., Grand Rapids

Tiffany, Mrs. Joseph C.....2322 Jefferson, S.E.
Grand Rapids

Torgerson, Mrs. William R.....530 Belvedere Dr., S.E.,
Grand Rapids

Truog, Mrs. Clarence P.....1470 Briarcliff Drive, S.E.
Grand Rapids

Uthoff, Mrs. Carl.....2253 Foster, N.E., Grand Rapids

Van Belois, Mrs. H. J.....2524 Union, S.E., Grand Rapids

Van Bree, Mrs. Raymond.....1521 Ridgewood, S.E.
Grand Rapids

VanDenBerg, Mrs. Allison.....1120 Cambridge Blvd., S.E.
Grand Rapids

VanderPloog, Mrs. William.....1343 Fuller, S.E.
Grand Rapids
VanderVeer, Mrs. Corwin G.....1511 Sylvan, S.E.
Grand Rapids
Van Duine, Mrs. H. J.....414 Brookside Dr., S.E.
Grand Rapids
Van Noord, Mrs. G. A.....6850 Division, S.
Grand Rapids
Van Portfliet, Mrs. Paul.....555 Mulford, S.E.
Grand Rapids
Van Solkema, Mrs. Andrew.....20 Baynton, N.E.
Grand Rapids
Van Woerkom, Mrs. Daniel.....1946 Lake Michigan Dr.,
N.W., Grand Rapids
Van Zwalenburg, Mrs. B. R.....2054 Anderson Dr., S.E.,
Grand Rapids
Veldman, Mrs. H. E.....2447 Oakwood, N.E.,
Grand Rapids
Venema, Mrs. Jay R.....540 Overbrook, S.E. Grand Rapids
Vining, Mrs. Keats K., Jr.....934 Princeton, S.E.,
Grand Rapids

Wahby, Mrs. Elmer F.....1108 Kenneberry Way S.E.
Grand Rapids
Waterman, Mrs. D. F.....1425 Burke N. E., Grand Rapids
Wells, Mrs. Merrill.....3346 Colt Rd., N.E., Grand Rapids
Weller, Mrs. Keith E. 1125 Orchard, N.E., Grand Rapids
Wenger, Mrs. A. Verne.....132 Grand, N.E., Grand Rapids
Wenger, Mrs. John N.....Coopersville
Whittenberger, Mrs. Robert.....1164 Griswold, S.E.,
Grand Rapids
Wiese, Mrs. John.....3188 Bonnell S.E., Grand Rapids
Wilkes, Mrs. John B.....311 Aurora, S.E., Grand Rapids
Williams, Mrs. John R.....2059 College, S.E.,
Grand Rapids
Willits, Mrs. P. W.....337 Manhattan, S.E., Grand Rapids
Winter, Mrs. G. E.....2316 Jefferson Dr., S.E.,
Grand Rapids
Wurz, Mrs. J. F.....201 Norwood, S.E., Grand Rapids
Yared, Mrs. J. A.....1901 Lake Dr., S.E., Grand Rapids
Yegge, Mrs. John.....Kent City

LAPEER COUNTY

Bishop, Mrs. Clare.....Almont
Burley, Mrs. David.....Almont
Chapin, Mrs. Clarence.....Columbiaville
Conaway, Mrs. Charles.....746 N. Monroe St., Lapeer
Dorland, Mrs. Clarke.....211 Lincoln St., Lapeer
Doty, Mrs. James R.....1335 N. Monroe, Lapeer
Hunter, Miss Frances.....1091 Pine St., Lapeer
Hunter, Miss Mary Ellen.....1091 Pine St., Lapeer
Kay, Mrs. W. J.....307 Washington St., Lapeer

Kiehle, Mrs. Anna.....706 N. Main St., Lapeer
McBride, Mrs. John R.....914 Liberty, Lapeer
Merz, Mrs. Henry G.....1242 Clark Road, Lapeer
Smith, Mrs. Glenn.....Imlay City
Snowman, Mrs. Lynna.....306 N. Main St., Lapeer
Thomas, Mrs. Orville.....North Branch
Thompson, Mrs. May.....243 Clay Street, Lapeer
Zemmer, Mrs. Harry.....Hannamon Rd., Columbiaville
Zolliker, Mrs. Carl.....State Home, Lapeer

LENAAWEE COUNTY

Abraham, Mrs. A. O.....305 S. Church, Hudson
Allen, Mrs. Russell A.....177 N. Charles St., Adrian
Balice, Mrs. Francis W.....3800 Westwood Dr., Adrian
Benz, Mrs. Carl A.....145 Budlong St., Adrian
Blanchard, Mrs. L. E.....224 Seward, Hudson
Blanden, Mrs. Merwin R.....5140 E. Monroe Rd.,
Tecumseh
Claxton, Mrs. W. T.....136 W. Chicago St., Britton
Cook, Mrs. Lynette.....740 N. Union St., Tecumseh
Dickman, Mrs. Harry M.....120 N. Church, Hudson
Dustin, Mrs. R. E.....309 N. Union St., Tecumseh
Eddy, Mrs. H. E. C.....349 S. Main St., Adrian
Hammel, Mrs. Richard T.....739 N. Union St., Tecumseh
Heffron, Mrs. Charles.....748 W. Maumee St., Adrian
Heffron, Mrs. Howard H.....R No. 1, Adrian
Helzerman, Mrs. Ralph F.....612 W. Chicago Blvd.,
Tecumseh
Hewes, Mrs. William H.....11 Oregon Rd., Adrian

Hinshaw, Mrs. Warren.....950 Riverside, Adrian
Huebner, Mrs. Robert.....Devil's Lake Rd., Addison
Howland, Mrs. Frank.....563 S. Winter, Adrian
Hunter, Mrs. T. Bailey.....114 E. Michigan St., Adrian
Marsh, Mrs. R. C. B.....610 W. Logan St., Tecumseh
Miller, Mrs. P. Lynford.....17 Westwood Dr., Adrian
Parker, Mrs. Donald A.....454 S. Main St., Adrian
Pasternacki, Mrs. A. S.....20 Oregon Rd., Adrian
Patmos, Mrs. Bernard.....16 Maumee Court, Adrian
Phelan, Mrs. Alvin J.....405 Seneca St., Tecumseh
Rogers, Mrs. John D.....1232 W. Maple Ave., Adrian
Sayre, Mrs. P. P.....228 S. Main St., Onsted
Stafford, Mrs. L. J.....8 Westwood Dr., Adrian
Thompson, Mrs. John R.....529 Dennis St., Adrian
Whitehouse, Mrs. Keith H.....128 Summit, Morenci
Whitney, Mrs. Oat.....443 State St., Adrian
Wilson, Mrs. George.....108 Jackson Rd., Clinton
Wynn, Mrs. George H.....1115 W. Maumee St., Adrian

LIVINGSTON COUNTY

Barton, Mrs. T. A.....4300 E. Grand River, R. No. 3
Howell
Clarke, Mrs. Niles723 Spencer Rd., Brighton
Duffy, Mrs. Ray.....250 Main St., Pinckney
Gentles, Mrs. Ernest.....Mich. State Sanitorium, Howell
Hauer, Mrs. R. F.....434 E. Grand River, Fowlerville
Hendren, Mrs. J. J.....Fowlerville
Hill, Mrs. H. C.....320 Madison St., Howell

Huntington, Mrs. H. G.....219 S. Walnut St., Howell
May, Mrs. Lewis E.....924 W. Grand River, Howell
McGregor, Mrs. A. J.....995 E. Main St., Brighton
Polack, Mrs. Robert.....416 S. Michigan, Howell
Sigler, Mrs. Hollis.....809 N. Michigan, Howell
Walker, Mrs. E. G.....4485 Cordley Lake Rd., Lakeland
Woodworth, Mrs. Edwin.....422 E. Lake St., Howell

MACOMB COUNTY

Banting, Mrs. Oswald F.....Richmond
Barker, Mrs. J. G.....22420 Statler Blvd., St. Clair Shores
Bower, Mrs. Allen B.....Armada
Brady, Mrs. Milo J.....60002 Gunston, Detroit
Bryce, Mrs. James W.....24830 Landon, Centerline
Buckley, Mrs. Daniel.....160 S. Walnut St., Mt. Clemens
Croman, Mrs. J. M.....131 Market, Mt. Clemens
Dudzinski, Mrs. E. J.....New Baltimore

Engels, Mrs. John A.....Richmond
Harrington, Mrs. Clark.....629 Chippewa, Mt. Clemens
Hartmann, Mrs. Waldemar B.....3221 N. Gratiot,
Mt. Clemens
Heine, Mrs. Austin.....Riverside Drive, Mt. Clemens
Kane, Mrs. W. J.....171 North Ave, Mt. Clemens
Maguire, Mrs. Andrew H. 45463 Van Dyke, Utica
Matthews, Mrs. Chris.....135 Riverside, Mt. Clemens

Mulligan, Mrs. P. T.....59 Ahrens Ave., Mt. Clemens
 Peltier, Mrs. Stanley J.....151 North, Mt. Clemens
 Persson, Mrs. G. A.....198 S. Gratiot, Mt. Clemens
 Reichman, Mrs. J. J.....70 Gallup, Mt. Clemens
 Reitzel, Mrs. R. H.....1 Breitmeyer Pl., Mt. Clemens
 Revere, Mrs. J. O.....192 S. Gratiot, Mt. Clemens
 Rivard, Mrs. C. L.....32926 Jefferson, St. Clair Shores
 Rousseau, Mrs. Daniel J.....863 Harrington, Mt. Clemens
 Salot, Mrs. R. F.....11 Breitmeyer Pl., Mt. Clemens
 Siegfried, Mrs. E. G.....77 Scott, Mt. Clemens
 Smith, Mrs. M. C.....117 Lodewyck, Mt. Clemens

Stryker, Mrs. Oscar.....31032 Jefferson Ave.
 St. Clair Shores
 Stubbs, Mrs. Clayton.....126 S. Gratiot, Mt. Clemens
 Stubbs, Mrs. Harold W.....29240 Grandview Ave.
 Mt. Clemens
 Thompson, Mrs. A. A.....35 Miller St., Mt. Clemens
 Ullrich, Mrs. R. W.....316 N. Gratiot, Mt. Clemens
 Wellard, Mrs. Henry C.....204 Alfred St., New Baltimore
 Whitley, Mrs. A.....22935 Raymond St., St. Clair Shores
 Wiley, Mrs. D. B.....45223 Cass Avenue, Utica
 Wolfson, Mrs. V. H.....64 Riverside Drive, Mt. Clemens
 Wyte, Mrs. William C.....170 Eastman, Mt. Clemens

MANISTEE COUNTY

Dart, Mrs. Estella.....515 Maple St., Manistee
 Grant, Mrs. Chas. T.....5990 Lake Shore Rd., Manistee
 Hansen, Mrs. E. C.....700 Cedar St., Manistee
 Konopa, Mrs. John.....440 Cedar, Manistee
 Loughrin, Mrs. John.....90 Maple St., Manistee

Miller, Mrs. E. B.....434 Elm St., Manistee
 Oakes, Mrs. E. A.....576 Bryant Ave., Manistee
 Ogilvie, Mrs. Gordon.....434 Third Street, Manistee
 Ramsdell, Mrs. Homer.....514 Oak Street, Manistee
 Schwarz, Mrs. M. L.....4848 Main St., Onkama
 Warren, Mrs. Lewis T.....432 Fourth St., Manistee

MARQUETTE-ALGER COUNTIES

Acocks, Mrs. James.....Morgan Heights, Marquette
 Amolsch, Mrs. Arthur L.....321 Pine St., Marquette
 Baron, Mrs. B. C.....514 Superior, W., Munising
 Bennett, Mrs. Matthew C.....409 E. Ohio, Marquette
 Bertucci, Mrs. J. P.....517 N. Pine, Ishpeming
 Bolitho, Mrs. T. B.....425 E. Mich. Ave., Marquette
 Bottom, Mrs. C. N.....624 N. Third, Marquette
 Burke, Mrs. R. A.....Ishpeming
 Casler, Mrs. Wilbur L.....127 East Ridge, Marquette
 Cooperstock, Mrs. M.....402 E. Ridge, Marquette
 Erickson, Mrs. A. N.....621 N. 4th, Ishpeming
 Hornbogen, Mrs. D. P.....320 Cedar St., Marquette

Howe, Mrs. Lloyd W.....431 E. Ridge, Marquette
 Jaedecke, Mrs. R. G.....127 N. 2nd St., Ishpeming
 Knutson, Mrs. George O.....120 Main Street, Negaunee
 Kronschnabel, Mrs. E. J.....Gwin
 Lambert, Mrs. W. C.....347 Ridge, Marquette
 Lyons, Mrs. James.....Lakewood, Marquette
 Matthews, Mrs. Norman.....123 E. Park, Marquette
 Moore, Mrs. Bert.....U. S. 41, Negaunee
 Narotzky, Mrs. A. S.....628 E. Ridge Street, Ishpeming
 Swinton, Mrs. A. L.....430 E. Arch, Marquette
 Wickstrom, Mrs. G. B.....223 Lynn St. Munising

MASON COUNTY

Bacon, Mrs. Herbert.....125 W. State St., Scottville
 Boldyreff, Mrs. E. E.....Custer
 Boon, Mrs. Floyd.....Court St., Ludington
 Hoffman, Mrs. H. B.....201 N. Washington Avenue
 Ludington

Martin, Mrs. W. S.....316 N. Gaylord, Ludington
 Paukstis, Mrs. Chas.....502 N. Lakeshore Dr., Ludington
 Scott, Mrs. R. R.....806 E. Brother St., Ludington
 Spencer, Mrs. C. M.....Scottville
 Switzer, Mrs. G. A.....302 Lake Shore Drive, Ludington

MECOSTA-OSCEOLA-LAKE COUNTIES

Bruggema, Mrs. Jacob.....Evart
 Campbell, Mrs. J. B.....320 Division Street, Big Rapids
 Chess, Mrs. Leo.....417 W. Upton, Reed City
 Franklin, Mrs. Ben.....Remus
 Haldeman, Mrs. J.....228 S. Warren, Big Rapids
 Hickox, Mrs. Leland.....211 Rose Ave., Big Rapids
 Ivkovich, Mrs. Paul.....335 West Upton, Reed City
 Kazmers, Mrs. E.....Lakeview
 Kelsey, Mrs. Lee F.....Lakeview
 Kilmer, Mrs. David.....401 Osceola, Reed City
 Kilmer, Mrs. Paul B.....350 W. Upton, Reed City

Kowaleski, Mrs. Edward.....Remus
 Marston, Mrs. L. L.....Lakeview
 Merlo, Mrs. F. A.....206 S. Michigan, Big Rapids
 Nelson, Mrs. Lorenzo.....Baldwin
 Treynor, Mrs. Thomas P.....107 Ives Ave., Big Rapids
 Tyson, Mrs. J. A.....124 Mecosta, Big Rapids
 Van Auken, Mrs. Edw.....121 Sanborn Avenue,
 Big Rapids
 Walters, Mrs. James E.....201 Sanborn Avenue, Big Rapids
 White, Mrs. J. A.....123 Cedar Street, Big Rapids
 Yeo, Mrs. Gordon.....209 Rust St., Big Rapids

MENOMINEE COUNTY

Agneberg, Mrs. N.....221 1st St., Menominee
 Brukhardt, Mrs. H. R.....714 14th Ave., Menominee
 Clay, Mrs. Joel W.....1031 First St., Menominee
 Dewane, Mrs. F. J.....1409 7th Street, Menominee
 Flanagan, Mrs. C. B.....915 11th Ave., Menominee
 Glickman, Mrs. L. G.....1359 Main Street, Marinette,
 Wisconsin
 Gonty, Mrs. Arthur.....Frontenac Beach, Menominee
 Heidenreich, Mrs. J. R.....Daggett

Jones, Mrs. W. S., Sr.....101 15th Ave., Menominee
 Jones, Mrs. W. S., Jr.....1834 1st Street, Menominee
 Kaye, Mrs. J. T.....1005 10th Avenue, Menominee
 Kerwell, Mrs. K. C.....Stephenson
 Peterson, Mrs. A. R.....Daggett
 Sethney, Mrs. H. T.....1012 1st Ave., Menominee
 Sweany, Mrs. S. K.....Powers
 Towey, Mrs. J. W.....Powers
 Whitmarsh, Mrs. Thomas.....Stephenson

MIDLAND COUNTY

Ballmer, Mrs. Robert.....1111 W. Sugnet Rd., Midland
 Bernier, Mrs. Joseph.....Box 26, Sanford
 Blackhurst, Mrs. Robert.....306 W. Meadowbrook, Midland
 Bowsher, Mrs. Robert.....901 St. Andrews, Midland
 Bridge, Mrs. Robert.....409 E. St. Andrews, Midland
 Bulmer, Mrs. Dan J.....3110 W. Nelson, Midland
 Buskirk, Mrs. Maurice.....310 W. Nelson, Midland
 Carsons, Mrs. Adah.....1414 Sugnet Road, Midland
 Gay, Mrs. Harold.....4589 Ruhle Rd., Route 1, Coleman
 Gordon, Mrs. Harold.....4113 Castle Dr., Midland
 Gronemeyer, Mrs. Wm.....1009 St. Andrews, Midland
 Holder, Mrs. B. B.....534 Woodcock, Midland
 Howe, Mrs. Irvin.....R. 1, Sugnet Road, Midland
 Howell, Mrs. Richard H.....710 Maple St., Midland

Ittner, Mrs. Martin.....509 W. Sugnet Road, Midland
 Kaasa, Mrs. Laurin.....2011 Ashman, Midland
 Lansborough, Mrs. Hester.....127 W. Nelson, Midland
 Linsenmann, Mrs. Karl.....2604 Manor Drive, Midland
 MacCallum, Mrs. Charles.....1684 W. Sugnet Rd., Midland
 Maynard, Mrs. William.....Coleman
 Meisel, Mrs. Edward H.....413 Lingle Lane, Midland
 Moench, Mrs. G. F.....2013 Jefferson St., Midland
 Murphy, Mrs. J. E.....305 Federal St., Midland
 O'Hara, Mrs. Bernard.....4105 Oak Court, Midland
 Pike, Mrs. Melvin.....220 W. Nelson, Midland
 Poznak, Mrs. Leonard.....1411 Crane Ct., Midland
 Randolph, Mrs. S. H.....410 Jerome, Midland
 Sherk, Mrs. Joseph.....161 Revere Street, Midland
 Willison, Mrs. C. H.....3812 Greenfield Ct., Midland

MONROE COUNTY

Barker, Mrs. Vincent L.....104 W. Noble Ave., Monroe
 Barrett, Mrs. Clarence D.....2133 Hollywood, Monroe
 Blakey, Mrs. Leonard C.....330 Godfroy Ave., Monroe
 Bond, Mrs. Wm. W.....475 Hollywood Dr., Monroe
 Dusseau, Mrs. S. V.....Erie
 Ewing, Mrs. Robt. T.....201 Macomb St., Monroe
 Flanders, Mrs. L. P.....1434 Hurd Rd., Monroe
 Frary, Mrs. R. A.....505 Strassbury Rd., Rt. 1, Monroe
 Freud, Mrs. J. W.....212 Hollywood Dr., Monroe
 Gelhaus, Mrs. W. J.....623 Scottwood, Monroe
 Kelso, Mrs. S. N., Jr.....336 Cole Rd., Monroe
 Laboe, Mrs. E. W.....424 Hollywood Dr., Monroe
 Lammers, Mrs. J. P.....Ida
 Lapp, Mrs. Chas.....Luna Pier
 Loan, Mrs. George B.....50 Virginia Ct., Monroe

Long, Mrs. Edgar C.....715 Hollywood Dr., Monroe
 McDonald, Mrs. T. A.....467 Hollywood Dr., Monroe
 McMillan, Mrs. J. H.....417 E. Elm Ave., Monroe
 Meier, Mrs. Walter.....306 S. Macomb, Monroe
 Middleton, Mrs. Wm. J. S.....465 Borgess, Monroe
 Newcomer, Mrs. S. R.....1536 Hollywood Dr., Monroe
 Reisig, Mrs. A. H.....430 Hollywood Dr., Monroe
 Sanger, Mrs. E. J.....716 Hollywood Dr., Monroe
 Siffer, Mrs. J. H.....32 S. Macomb St., Monroe
 Sisman, Mrs. Barnard.....524 Hollywood Dr., Monroe
 Streicher, Mrs. R. G.....Colonial Drive, Monroe
 Tomlinson, Mrs. Ledyard.....Newport
 Wagar, Mrs. Spencer.....711 Hollywood Dr., Monroe
 Weeks, Mrs. Vernon.....Sylvan Drive, Monroe
 Williams, Mrs. R. J.....306 Godfroy Ave., Monroe

MUSKEGON COUNTY

Allen, Mrs. Richard.....2246 Estes St., Muskegon
 August, Mrs. Ralph V.....Route 2, Spring Lake
 Barnes, Mrs. James W.....5112 Osmun Rd., Montague
 Beers, Mrs. Charles.....1428 Clinton St., Muskegon
 Benedict, Mrs. Arthur.....1633 Clinton, Muskegon
 Bolthouse, Mrs. Robert.....1641 Jefferson, Muskegon
 Bond, Mrs. William.....1724 Peck St., Muskegon
 Bradshaw, Mrs. Park.....636 Ruddiman, North Muskegon
 Busard, Mrs. J. Max.....3611 Henry St., Muskegon
 Christopherson, Mrs. J. W.....1290 Dale Ave., Muskegon
 Clapp, Mrs. Henry.....1639 Fifth St., Muskegon
 Clark, Mrs. Harry.....1450 Leahy, Muskegon
 Closz, Mrs. Harold.....1727 Jefferson St., Muskegon
 DeLeeuw, Mrs. Henry.....2144 Peck St., Muskegon
 Dykhuizen, Mrs. Harold.....110 E. Forest, Muskegon
 Ellis, Mrs. Nicholas.....1883 Lakeshore Dr., Muskegon
 Emerick, Mrs. R.....1714 Leahy, Muskegon
 Engstrom, Mrs. Albert.....4954 Hunt, Montague
 Fleischman, Mrs. Norman.....1310 Moulton Ave., North Muskegon
 Fles, Mrs. Robert J.....1715 Peck St., Muskegon
 Folsom, Mrs. John.....2488 Pine Grove, Muskegon
 Gaikema, Mrs. E. W.....605 First St., North Muskegon
 Garber, Mrs. Frank.....707 Ruddiman, North Muskegon
 Gillard, Mrs. James.....1669 Peck St., Muskegon
 Griffith, Mrs. Robert.....64 W. Larch, Muskegon
 Hanley, Mrs. William.....2535 Pine Grove, Muskegon
 Harryman, Mrs. James.....1694 Jefferson St., Muskegon
 Hartwell, Mrs. Shattuck.....1665 Jefferson, Muskegon
 Heneveld, Mrs. Edward.....82 W. Dale Ave., Muskegon
 Heneveld, Mrs. Robert.....1458 Montague St., Muskegon
 Hill, Mrs. James K.....5463 Holton Rd., Twin Lakes
 Holly, Mrs. Leland.....3349 Scenic Drive, North Muskegon
 Hornbeck, Mrs. Wm. J.....2510 Pine Grove, Muskegon
 Joisted, Mrs. Arthur.....Mid Oak Dr., Interlaken, North Muskegon
 Kane, Mrs. Thom.....1323 4th St., Muskegon

Kerr, Mrs. Howard.....2378 Hadden, Glenside, Muskegon
 Kleaveland, Mrs. Justin.....654 Wendover, Roodmont, Muskegon
 Lapham, Mrs. Landon.....123 Colby, Whitehall
 Lauretti, Mrs. Emil J.....1693 Jefferson St., Muskegon
 LeFevre, Mrs. Louis.....500 Lake Dr., North Muskegon
 LeFevre, Mrs. William.....3033 Scenic Dr., Muskegon
 Loder, Mrs. L. L.....1193 Ransom St., Muskegon
 Maples, Mrs. Douglas.....814 Moulton, N. Muskegon
 McNair, Mrs. John.....1395 Glen Ave., Muskegon
 Medema, Mrs. Paul.....1661 Clinton St., Muskegon
 Meengs, Mrs. Marvin.....972 Randall Rd., Muskegon
 Morford, Mrs. Fred E.....Hamilton Apts, Muskegon
 Mulder, Mrs. Lambertus.....1085 Apple, Muskegon
 Mulligan, Mrs. A.....123 W. Larch, Muskegon
 Myer, Mrs. Clifton.....912 Lake, North Muskegon
 Paterson, Mrs. Lester C.....2042 Seminole Rd., Muskegon
 Pettinga, Mrs. Frank L.....834 E. Isabella Ave., Muskegon
 Prentice, Mrs. Edwin.....2325 Westwood Drive, Glenside, Muskegon
 Price, Mrs. Leonard.....1182 Terrace St., Muskegon
 Risk, Mrs. Robert D.....3980 Highgate Ave., Roodmont, Muskegon
 Scholle, Mrs. Norbert.....635 Cambridge Rd., Roodmont, Muskegon
 Sears, Mrs. Richard.....1859 Spencer Dr., Muskegon
 Shebesta, Mrs. E. M.....2342 Westwood Rd., Glenside, Muskegon
 Stone, Mrs. M. E.....1541 Peck, Muskegon
 Swenson, Mrs. Leland L.....3503 Scenic Dr., Muskegon
 Teifer, Mrs. Charles.....1652 Peck St., Muskegon
 Tellman, Mrs. H. C.....2417 Hadden, Glenside, Muskegon
 Thornton, Mrs. Eugene S.....Circle Drive, Interlaken, North Muskegon
 Tyler, Mrs. William.....1572 Jefferson, Muskegon
 Vanderlaan, Mrs. J.....2200 Baker St., Muskegon Hts.

White, Mrs. Warren G.....1567 Jiroch, Muskegon
Wiersema, Mrs. Silas.....1337 Peck, Muskegon
Wildgen, Mrs. Bernard..975 W. Seminole Rd., Muskegon
Wilson, Mrs. Pitt.....189 Houston, Muskegon

Black, Mrs. Lulu.....Holton
Geerlings, Mrs. L. J.....Lake Drive, Fremont
Geerlings, Mrs. Willis.....28 East Oak Street, Fremont
Klein, Mrs. J. Paul.....40 East Pine Street, Fremont

Masters, Mrs. B. L.....415 E. Maple, Fremont
O'Neill, Mrs. John.....Whitecloud
VandenBerg, Mrs. Tunis.....413 E. Oak, Fremont

Barstow, Mrs. Richard G.....220 E. Sheldon, Gaylord
Clippert, Mrs. C. G.....Lake Margrethe, Grayling
Coulter, Mrs. Keith D.....Gladwin
Crandell, Mrs. Clare H.....West Branch
Egle, Mrs. Joseph L...Northern Mich. T.B. San., Gaylord
Hasty, Mrs. Earl A.....115 Burgess, West Branch
Henig, Mrs. B. Elmore.....604 Peninsular, Grayling
Hornbeck, Mrs. Robert J.....Lewiston

Jardine, Mrs. Hugh M.....	109 S. Third, West Branch
Libke, Mrs. Robert S.....	E. Main, Gaylord
Martzowka, Mrs. M. A.....	Roscommon
McKillop, Mrs. G. L.....	303 E. Main, Gaylord
Oppy, Mrs. Charles L.....	Roscommon
Rodda, Mrs. E. H.....	Lake Margrethe, Grayling
Timreck, Mrs. Harold A.....	Gladwin
Vilardo, Mrs. Ross.....	West Branch

Abbott, Mrs. Vernon C.....111 Illinois, Pontiac
Albrecht, Mrs. Robert.....2925 Orchard Lk. Rd.,
Keego Harbor
Arnkoﬀ, Mrs. Harry.....140 Illinois, Pontiac
Aulie, Mrs. Hal G.....1219 E. Dallas, Royal Oak
Baker, Mrs. Robert.....1129 Fairfax, Birmingham
Barker, Mrs. Chas.....5756 Franklin Rd., Birmingham
Bannow, Mrs. R. J.....23 Keswick, Bloomfield Hills
Bauer, Mrs. Ernest W.....48 W. Roberts, Hazel Park
Beattie, Mrs. W. G.....314 W. Maplehurst Ave.,
Ferndale
Belknap, Mrs. Warren F.....2020 Roseland, Royal Oak
Blackwell, Mrs. Leonard.....115 State, Pontiac
Blakeney, Mrs. James.....17 Utica, Pontiac
Boucher, Mrs. R. E.....5451 Brookdale, Birmingham
Bowers, Mrs. Chas.....213 Cedardale, Pontiac
Bradley, Mrs. E. L.....262 Josephine, Pontiac
Brown, Mrs. Arnold L.....2410 Cheltingham, Pontiac
Budd, Mrs. Alex.....440 Lake Park Dr., Birmingham
Bullard, Mrs. R. W.....8301 Foster Rd., Clarkston
Burgess, Mrs. Chas.....49 Oxford, Pleasant Ridge
Burke, Mrs. Chauncey G.....1123 Glengary Circle,
Birmingham
Campbell, Mrs. M. D.....3 Sylvan Ave., Pleasant Ridge
Cefai, Mrs. A. F.....73 Miami Rd., Pontiac
Christie, Mrs. Edward.....632 Ardmore, Birmingham
Cobb, Mrs. Thomas.....4415 Motorway Dr., Pontiac
Collins, Mrs. Edward F.....453 W. Iroquois Rd., Pontiac
Darling, Mrs. C. G.....Lone Pine Ct., Pontiac
DeLawter, Mrs. H. H.....1298 Brookwood Lane,
Birmingham
Deutsch, Mrs. Wm. L.....26695 York, Huntington Woods
Dobski, Mrs. Edwin.....3350 Eastpoint Lane, Pontiac
Dunn, Mrs. Lewis E.....18760 San Diego, Birmingham
Durocher, Mrs. Norman E.....2880 Old Orchard Dr.,
Pontiac
Dustin, Mrs. Robert.....1800 Graefield Rd., Birmingham
Elder, Mrs. Edward, Jr.....230 Starr, Pontiac
Evseef, Mrs. Geo.....4506 Cooper, Royal Oak
Fink, Mrs. L. J.....9 Ottawa Drive, Pontiac
Foust, Mrs. E. W.....28145 Lathrup, Birmingham
Fox, Mrs. Ralph M.....230 Westwood, Birmingham
Gaensbauer, Mrs. Ferd.....127 Illinois, Birmingham
Gates, Mrs. Edward.....16980 Birwood, Birmingham
Gatley, Mrs. C. R.....111 Oneida, Pontiac
Gehringer, Mrs. N. F.....326 W. Iroquois, Pontiac
Geist, Mrs. E.....2035 Pontiac Rd., Rochester
Gerls, Mrs. Frank.....536 W. Huron, Pontiac
Gibson, Mrs. Richard.....1011 Hazel, Birmingham
Gill, Mrs. Mathew J.....3115 Franklin Rd., Pontiac

Goode, Mrs. Norman J., Jr.....302 E. Maryland,
Royal Oak
Hackett, Mrs. Daniel J.....782 Oswego Dr., Pontiac
Haddock, Mrs. Douglass..5700 Pontiac Trail, RFD No. 5,
Pontiac
Hardy, Mrs. Geo. C.....240 Oak Lane R No. 2,
Rochester
Hendron, Mrs. Owen.....Pembroke Drive,
Bloomfield Hills
Hershey, Mrs. Lynn N.....31275 Franklin Road,
Birmingham
Hockman, Mrs. A.....1740 Hamilton Dr., Pontiac
Hosner, Mrs. Robert.....1712 Sycamore, Royal Oak
Howlett, Mrs. E. V.....1029 James K. Blvd., Pontiac
Hoyt, Mrs. D. F.....7530 Maceday Lake Rd., Clarkston
Ignatius, Mrs. A. A.....3017 Oakman Blvd., Detroit
Keeffe, Mrs. E.....468 Williamsbury, Birmingham
Kemp, Mrs. F. J.....85 Barrington Rd., Pontiac
Kemp, Mrs. Lloyd.....1055 Yarmouth, Birmingham
Kendrick, Mrs. H. F.....630 East Bennett Rd., Pontiac
Koehler, Mrs. Wm.....1907 W. Houstonia, Royal Oak
LaMarche, Mrs. Norman.....4139 Wakefield, Berkley
Levine, Mrs. Bernard.....25101 Coolidge, Oak Park
Ling, Mrs. Theodore W.....33221 Shiawassee, Farmington
Lyons, Mrs. R. T.....200 Oneida, Pontiac
Markle, Mrs. John.....8 Fairwood, Pleasant Ridge
Marra, Mrs. John J.....1430 Nakomis, Lake Orion
Mason, Mrs. Robert.....564 Overhill, Birmingham
Maxim, Mrs. Edward.....2635 Hickory Ct., Pontiac
McConkie, Mrs. J. P.....768 Larchlea, Birmingham
Mehas, Mrs. Constantine...150 Dorchester, Birmingham
Mercer, Mrs. Frank.....87 Ottawa Dr., Pontiac
Meisner, Mrs. H. E.....12910 Oak Pk., Oak Park
Miller, Mrs. H. L.....1832 Greenleaf, Royal Oak
Monroe, Mrs. John.....55 Neome, Pontiac
Nalepa, Mrs. Eugene.....2332 Rutherford Rd., Pontiac
Naz, Mrs. John N.....2726 Orange Grove, R. No. 7,
Pontiac
Neafie, Mrs. C. A.....493 Orchard Lake Rd.,
Pontiac
Norup, Mrs. John.....1772 Edgewood, Berkley
Olsen, Mrs. R. E.....3325 Franklin Rd., Pontiac
Palmer, Mrs. Hayden.....269 Ottawa, Pontiac
Patrick, Mrs. Charles.....4350 Pontiff, Waterford
Pearce, Mrs. James F....10855 Hart, Huntington Woods
Petroff, Mrs. George N.....219 Cherokee, Pontiac
Porritt, Mrs. Ross.....131 Chippewa, Pontiac
Prather, Mrs. F. W.....701 E. Liberty, Milford
Prosser, Mrs. M. G.....2854 Orange Grove, Pontiac

Quinn, Mrs. James R., Jr.....223 Marlboro, Pontiac
 Raynale, Mrs. Geo. P.....423 Tooting Lane, Birmingham
 Reid, Mrs. Fred T.....47 Broadacre, Clawson
 Riggs, Mrs. Harry L.....234 S. Johnson, Pontiac
 Rupp, Mrs. E. C.....202 Crane Ave., Royal Oak
 Russell, Mrs. V. P.....9 Elm Park, Pleasant Ridge
 Ruva, Mrs. Joseph.....1280 Club Dr., Pontiac
 Schuneman, Mrs. Howard.....1312 Vinsetta, Royal Oak
 Segula, Mrs. Robert.....1407 Avondale, Pontiac
 Sempere, Mrs. Chas.....2225 Avondale, Pontiac
 Sheridan, Mrs. Michael.....10415 Lincoln, Royal Oak
 Shadley, Mrs. Maxwell.....94 Ottawa Dr., Pontiac
 Smith, Mrs. D. S.....135 Wenonah Dr., Pontiac
 Spencer, Mrs. L. H.....26039 Huntington,
 Huntington Woods
 Spoehr, Mrs. Eugene.....17 Elm Park, Pleasant Ridge
 Spohn, Mrs. Earl.....414 Hendrie Blvd., Royal Oak
 Stageman, Mrs. John.....6065 Middle Lake Road,
 Clarkston

Stahl, Mrs. Harold.....850 Lapeer Rd., Oxford
 Stanley, Mrs. William.....24 Cambridge, Pleasant Ridge
 Steffes, Mrs. E. M.....17724 Beverly Blvd., Berkley
 Steinberg, Mrs. Norman N.....26550 Dundee Road,
 Huntington Woods
 Sutton, Mrs. Palmer E.....1617 Vinsetta, Royal Oak
 Swickle, Mrs. Edward.....2643 Burnham, Clawson
 Vanden Berg, Mrs. K.....4045 Lakewood, Pontiac
 Virga, Mrs. Geo. M.....1602 Cedar Hill, Royal Oak
 Von Haltern, Mrs. Harold.....3670 Erie Dr., Pontiac
 Van Zoren, Mrs. Jay.....2057 E. Maple, Birmingham
 Wake, Mrs. Douglas.....1307 S. Washington, Royal Oak
 Webber, Mrs. Lynn.....Oak City T. B. San., Pontiac
 White, Mrs. R. Hamilton.....552 Monhegan, Birmingham
 Whitehouse, Mrs. J.....3054 Edgewater Drive, Pontiac
 Wigent, Mrs. Ralph.....101 Mohawk, Pontiac
 Williams, Mrs. John.....6570 Commerce Lake Rd.,
 Pontiac
 Zujko, Mrs. Alphonse J.....132 Illinois Rd., Pontiac

OTTAWA COUNTY

Arendshorst, Mrs. Wm.....131 E. 31st St., Holland
 Beernink, Mrs. E.....430 Duncan Ct., Grand Haven
 De Vries, Mrs. Herk.....Waukazoo, Holland
 DeYoung, Mrs. F.....216 N. Buchanan, Spring Lake
 Frieswyck, Mrs. Melvin.....148 So. Division St., Zeeland
 Groat, Mrs. Frank.....633 Franklin, Grand Haven
 Kemme, Mrs. G. J.....R No. 3, Zeeland
 Kools, Mrs. Willis.....194 W. 11th St., Holland
 Kuipers, Mrs. W. W.....616 North Shore, Holland

Rottschaefer, Mrs. Wm.....993 W. 32nd St., Holland
 Rypkema, Mrs. W.....1523 Sheldon, Grand Haven
 Ten Have, Mrs. R.....1016 Sheldon, Grand Haven
 Timmerman, Mrs. E. C.....Coopersville
 Van Appledorn, Mrs. Chester.....1067 South Shore,
 Holland
 Wells, Mrs. Kenneth.....117 E. Savidge, Spring Lake
 Westrate, Mrs. Wm., Jr.....50 E. 10th St., Holland
 Yff, Mrs. John.....511 E. Central, Zeeland

SAGINAW COUNTY

Ackerman, Mrs. G. L.....316 Brockway Place, Saginaw
 Albers, Mrs. M. J.....220 Ardussi, Saginaw
 Alger, Mrs. George.....1057 Brockway Ct., Saginaw
 Anderson, Mrs. W. K.....935 St. Andrews Rd., Saginaw
 App, Mrs. Robert.....2203 State St., Saginaw
 Bass, Mrs. V. B.....916 Adams St., Saginaw
 Bellinger, Mrs. Don H.....215 Garden Lane, Saginaw
 Bishop, Mrs. H. M.....405 Superior St., Saginaw
 Brender, Mrs. F. P.....101 Hubinger, Frankenmuth
 Bruggers, Mrs. Lawrence.....2543 N. Woodbridge, Saginaw
 Bruton, Mrs. Martin F.....1815 Passolt, Saginaw
 Bucklin, Mrs. R. V.....2112 Adams Blvd., Saginaw
 Bullington, Mrs. B. M.....1924 Handley, Saginaw
 Busch, Mrs. F. J.....40 E. Hannum Blvd., Saginaw
 Butler, Mrs. M. G.....1440 Hemmeter Rd., Saginaw
 Cady, Mrs. F. J.....20 W. Hannum Blvd., Saginaw
 Cady, Mrs. F. J. Jr.....1527 Vermont, Saginaw
 Cambridge, Mrs. V. W.....1219 Fitzhugh, Saginaw
 Cameron, Mrs. Allan K.....1602 Howard St., Saginaw
 Campbell, Mrs. L. A.....335 Brockway Place, Saginaw
 Caumartin, Mrs. Hugh T.....1537 S. Washington, Saginaw
 Chisena, Mrs. P. R.....6227 Dixie Hwy., Bridgeport
 Claytor, Mrs. A. A.....603 N. Third, Saginaw
 Comer, Mrs. Walter H.....120 Alice St., Saginaw
 Cortopassi, Mrs. A. J.....326 S. Washington, Saginaw
 Cortopassi, Mrs. V. E.....221 Ardussi, Saginaw
 Cory, Mrs. C. W.....4 Ardmore Place, Saginaw
 Curtis, Mrs. J. H.....1 E. Hannum Blvd., Saginaw
 Durman, Mrs. D. C.....1530 Ottawa Blvd., Saginaw
 Ely, Mrs. Cecil W.....1820 Janes Ave., Saginaw
 Farley, Mrs. A. W.....1506 State St., Saginaw
 Feeheley, Mrs. Robert.....411 S. Porter St., Saginaw
 Fleischner, Mrs. Thos. E.....7444 W. Birch Run Road
 Birch Run
 Gage, Mrs. D. P.....134 Borland St., Saginaw
 Galsterer, Mrs. E. C.....417 Brockway Place, Saginaw
 Gamon, Mrs. Adam E.....905 N. Michigan, Saginaw
 Gardner, Mrs. J. H.....416 Ann Street, Saginaw
 Gerard, Mrs. Roy.....2210 N. Madison, Saginaw
 Gomon, Mrs. L. D.....16 Edgewood Rd., Saginaw
 Goodsell, Mrs. John.....132 Graham St., Saginaw
 Grigg, Mrs. A. P.....1015 Gratiot, Saginaw

Hand, Mrs. Eugene.....1487 S. Washington St., Saginaw
 Harvie, Mrs. L. C.....417 Ardussi, Saginaw
 Heavenrich, Mrs. R. N.....225 Garden Lane, Saginaw
 Helmkamp, Mrs. H. O.....2311 Mershon, Saginaw
 Hester, Mrs. E. G.....2525 N. Court, Saginaw
 Hill, Mrs. V. L.....1270 Hemmeter Rd., Saginaw
 Hutchison, Mrs. John W.....521 Madison, Saginaw
 Hyslop, Mrs. William T.....2008 Harry, Saginaw
 Jaenichen, Mrs. Robert.....419 S. Weadock, Saginaw
 James, Mrs. J. W.....253 Snow, Saginaw
 Jarvi, Mrs. Rudolph.....3051 Congress, Saginaw
 Jiroch, Mrs. R. S.....722 S. Warren, Saginaw
 Johnstone, Mrs. K. T.....1050 Fischer Dr., Saginaw
 Kemp, Mrs. J. N.....1322 S. Michigan, Saginaw
 Kempton, Mrs. R. M.....415 Hayden St., Saginaw
 Kerr, Mrs. W. B.....1903 Bond St., Saginaw
 Keyes, Mrs. James.....8152 Main St., Birch Run
 Kickham, Mrs. Edward.....2525 Mershon St., Saginaw
 Kowals, Mrs. F. V.....1280 Glendale, Saginaw
 Kramer, Mrs. Charles.....1721 Brenner, Saginaw
 Kretschmer, Mrs. T. V.....700 Remington, Saginaw
 Kruger, Mrs. Harold.....402 Ricoma Beach, Bay City
 Lassignal, Mrs. Jules C.....1312 State St., Saginaw
 Ling, Mrs. Kenneth C.....Hemlock
 Lohr, Mrs. O. W.....614 Madison, Saginaw
 Luger, Mrs. Fred I.....1970 N. River Rd., Saginaw
 Lurie, Mrs. Robert I.....58 Davis Rd., Saginaw
 Lyle, Mrs. R. C.....3821 State St., Bridgeport
 MacKinnon, Mrs. E. D.....1616 Court St., Saginaw
 MacMeekin, Mrs. J. W.....Center Woods, Saginaw
 Manning, Mrs. J. Edward.....1627 Brown St., Saginaw
 Manning, Mrs. John W. III.....821 Congress, Saginaw
 Markey, Mrs. F. L.....2011 Brockway, Saginaw
 Markey, Mrs. J. P.....2425 Adams Blvd., Saginaw
 Martzowka, Mrs. W. P.....2330 Delaware Blvd., Saginaw
 Matthews, Mrs. H. C.....14 Benton Rd., Saginaw
 Mayne, Mrs. Harold E.....1585 Glendale, Saginaw
 McEwen, Mrs. Wm.....820 Orchard Ct., Saginaw
 McKinney, Mrs. A. R.....1403 Howard St., Saginaw
 Meyer, Mrs. H. J.....6243 Dixie Hwy., Bridgeport
 Miller, Mrs. Glen F.....1803 N. Michigan, Saginaw
 Morgrette, Mrs. L. J.....1820 Stark St., Saginaw

Mudd, Mrs. R. D.....1001 Hoyt St., Saginaw
 Murphy, Mrs. A. P.....201 Superior, Saginaw
 Murray, Mrs. C. R.....183 Glendale, Saginaw
 Murray, Mrs. M. J.....1925 Coolidge Rd., Saginaw
 Nelson, Mrs. O. A.....1654 Lathrup, Saginaw
 Northway, Mrs. Robert O.....12 Edgewood Rd., Saginaw
 Novy, Mrs. F. O.....420 S. Jefferson, Saginaw
 Olson, Mrs. C. P.....2505 Court, Saginaw
 Phillips, Mrs. H. A.....2420 Adams Blvd. Saginaw
 Pietz, Mrs. Frederick.....2139 Gratiot, Saginaw
 Potvin, Mrs. C. D.....206 S. Carolina, Saginaw
 Powers, Mrs. Robt.....142 Wylie Court, Saginaw
 Prather, Mrs. Perry.....519 Liberty, Saginaw
 Richards, Mrs. N. W.....2111 Brockway, Saginaw
 Richter, Mrs. H. J.....2305 Adams Blvd., Saginaw
 Ruskin, Mrs. David B.....246 Lockwood, Saginaw
 Ryan, Mrs. R. S.....623 S. Park St., Saginaw
 Sample, Mrs. J. T.....602 Rust St., Saginaw
 Sargent, Mrs. D. V.....1632 Stark St., Saginaw
 Schaiberger, Mrs. Elmer.....1520 N. Michigan, Saginaw
 Schneider, Mrs. A. N.....1902 No. Bond, Saginaw
 Schultz, Mrs. Frank.....Chesaning

Sharp, Mrs. M. C.....2202 Barnard St., Saginaw
 Sheldon, Mrs. S. A.....2 Holland Court, Saginaw
 Siler, Mrs. D. E.....47 Ardmore Pl., Saginaw
 Skowronski, Mrs. C. A.....1401 E. Genesee, Saginaw
 Slack, Mrs. W. K.....625 S. Washington, Saginaw
 Smith, Mrs. Chandler.....1920 Stone, Saginaw
 Stahly, Mrs. E. H.....1900 Coolidge Ave., Saginaw
 Stander, Mrs. A. C.....1411 Court St., Saginaw
 Stewart, Mrs. G. W.....4343 State Rd., Saginaw
 Sulfridge, Mrs. Hugh, Jr.....1485 N. River Rd., Saginaw
 Thompson, Mrs. A. B.....2144 Ottawa, Saginaw
 Tiedke, Mrs. G. E.....2339 Delaware Blvd., Saginaw
 Toshach, Mrs. Clarence.....3655 Schust Rd., Saginaw
 Volk, Mrs. V. K.....3340 Hospital Rd., Saginaw
 Watson, Mrs. R. S.....730 N. Mason, Saginaw
 Weeks, Mrs. E. G.....1413 Howard St., Saginaw
 Weidner, Mrs. Garland.....1801 Brenner, Saginaw
 Weiss, Mrs. Arno.....4945 Dundale Ct., Saginaw
 Westlund, Mrs. Norman.....131 S. Charles, Saginaw
 Wright, Mrs. E. M.....128 Lynn Court, Saginaw
 Yntema, Mrs. Stuart.....3 E. Hannum Blvd., Saginaw

ST. CLAIR COUNTY

Bailey, Mrs. Robert.....4579 Lake Shore, Port Huron
 Banting, Mrs. Kenneth.....3540 Gratiot Ave., Port Huron
 Battley, Mrs. J. C. S.....2038 Military, Port Huron
 Beck, Mrs. F. K.....2902 Military St., Port Huron
 Beer, Mrs. J. F.....711 N. Riverside Dr., St. Clair
 Benjamin, Mrs. C. C.....3023 Gratiot Ave., Port Huron
 Borden, Mrs. Charles.....4520 Lake Shore Rd., Port Huron
 Bottomley, Mrs. T. H.....4440 Gratiot Ave., Port Huron
 Boughner, Mrs. W. F.....Algonac
 Bowden, Mrs. Wm. S.....551 Maple, Marine City
 Carrie, Mrs. Robt.....Algonac
 Cleland, Mrs. W. D.....1320 Court St., Port Huron
 Clifford, Mrs. Robert P.....910 N. Riverside, St. Clair
 Clyne, Mrs. B. C.....Yale
 Coury, Mrs. J. J.....4254 Gratiot Ave., Port Huron
 Davison, Mrs. Wm.....2920 Military, Port Huron
 Douvas, Mrs. Nicholas.....1712 Court St., Port Huron
 Fitzgerald, Mrs. E. W.....4129 Gratiot Ave, Port Huron
 Gholz, Mrs. Anthony C.....1407 Court St., Port Huron
 Hazledine, Mrs. H. J.....2918 Forest, Port Huron
 Holcomb, Mrs. R. J.....141 S. Main St., Marine City
 Hoyt, Mrs. C. N.....67 Gratiot Blvd., R 2, Port Huron
 Kirker, Mrs. F. O.....St. Clair

Koch, Mrs. Donald A.....4802 Lake Shore Road,
 Port Huron
 Lauridsen, Mrs. James.....2833 Gratiot Ave., Port Huron
 Licker, Mrs. R. R.....215 Gratiot Blvd., Rt. 2 Marysville
 Ludwig, Mrs. Claude.....3550 Stone St., Port Huron
 Ludwig, Mrs. Fred.....2864 Military, Port Huron
 Martin, Mrs. Clyde.....3786 Gratiot Ave., Port Huron
 McCoy, Mrs. Leslie F.....4673 Lake Shore Rd., Port Huron
 Meredith, Mrs. E. W.....4380 Gratiot Ave., Port Huron
 Novak, Mrs. Walter.....2651 Military St., Port Huron
 Patterson, Mrs. D. W.....4240 Keewahdin Dr., Port Huron
 Rowe, Mrs. John.....3360 W. Water St., Port Huron
 Schaefer, Mrs. W. A.....2551 Military St., Port Huron
 Selby, Mrs. C. S.....1916 Military, Port Huron
 Serniak, Mrs. John.....5014 Lake Shore Rd., Port Huron
 Sites, Mrs. Edgar C.2704 Military Ave., Port Huron
 Tomsu, Mrs. Glenn.....3180 Gratiot Ave., Port Huron
 Townley, Mrs. Chas. O.....2815 Military, Port Huron
 Treadgold, Mrs. Douglas.....3205 Armour St., Port Huron
 Ulmer, Mrs. Arthur H.....4476 Gratiot Ave., Port Huron
 Van Rhee, Mrs. George.....3137 Conger St., Port Huron
 Walker, Mrs. Sidney.....5090 Lake Shore Rd., Port Huron
 Wass, Mrs. Henry C.....923 N. Riverside, St. Clair
 Wilson, Mrs. Norman.....Marine City

ST. JOSEPH COUNTY

Berg, Mrs. L. A.....106 E. Chicago Rd., Sturgis
 Blood, Mrs. J. V.....617 S. Main St., Three Rivers
 Braham, Mrs. W. G.....105 N. Lakeview, Sturgis
 Brunson, Mrs. A. E.....Mortimer St., Sturgis
 Evans, Mrs. Robert H.....105 S. Lakeview, Sturgis
 Fiegel, Mrs. A. S.....500 Michigan Ave., Sturgis
 Fortner, Mrs. R. J.....RFD #1, Constantine
 Jacobwitz, Mrs. J. W.....222 West St., Three Rivers
 Lepard, Mrs. O. L.....606 E. Chicago Rd., Sturgis
 O'Dell, Mrs. Chas.....302 East St., Three Rivers

O'Dell, Mrs. John.....721 Elm, Three Rivers
 Penzotti, Mrs. Stanley.....
 402 South Constantine, Three Rivers
 Porter, Mrs. C. G.....196 E. Michigan, Three Rivers
 Shaw, Mrs. G. D.....R.R. #2, Three Rivers
 Sheldon, Mrs. John.....610 Cherry St., Sturgis
 Smith, Mrs. Robert D.....234 S. Main, Colon
 Tesar, Mrs. Frank J.....104 W. Market, Centreville
 Weisheit, Mrs. Hans.....200 Michigan, Sturgis
 Zimont, Mrs. R. D.....435 White Pigeon Rd., Constantine

SANILAC COUNTY

Blanchard, Mrs. Ernest.....Deckerville
 Gift, Mrs. Weldon.....Marlette
 Hart, Mrs. Robert K.....21 S. Howard Ave., Croswell
 Jayson, Mrs. Michael.....Marlette
 McCrea, Mrs. John.....Marlette

McGunegle, Mrs. K. T.....Sandusky
 Muir, Mrs. Neil.....269 Howard Ave., Croswell
 Tweedie, Mrs. S. M.....Sandusky
 Tweedie, Mrs. G. E.....Sandusky
 Winfield, Mrs. Raymond.....Marlette

SHIAWASSEE COUNTY

Arnold, Mrs. A. L.....RR. 1, Ovid
Austin, Mrs. Eugene.....635 N. Ball St., Owosso
Bach, Mrs. Norman F.....
1201 N. Washington St., Owosso
Bennett, Mrs. George.....203 W. Main St., Elsie
Brenner, Mrs. Erwin.....500 E. Oliver, Owosso
Brown, Mrs. Richard C.....658 First St., Owosso
Brown, Mrs. R. J.....915 King St., Owosso
Chipman, Mrs. Elwood.....502 W. Williams St., Owosso
Graves, Mrs. James.....221 E. Oliver St., Owosso
Greene, Mrs. I. W.....515 N. Washington St., Owosso
Hoshal, Mrs. Verne L.....Durand

Hume, Mrs. H. A.....RFD #6, Owosso
Janci, Mrs. Julius.....213 E. Mason St., Owosso
MacGregor, Mrs. John.....202 Jennett St., Owosso
McKnight, Mrs. Edwin R.....
320 N. Washington St., Owosso
Merz, Mrs. W. T.....1018 N. Washington St. Owosso
Pochert, Mrs. R. C.....1254 N. Shiawassee St., Owosso
Richards, Mrs. Chester.....Durand
Sahlmark, Mrs. Joseph.....203 N. Cedar St., Owosso
Slagh, Mrs. Earl N.....Elsie
Wachtel, Mrs. Andrew S.....207 N. Cedar, Owosso
Weinkauf, Mrs. William.....415 W. Mark St., Corunna
Weston, Mrs. Claude.....1226 N. Washington St., Owosso

TUSCOLA COUNTY

Ballard, Mrs. J. H.....Cass City
Dickerson, Mrs. W. W.....Caro
Donahue, Mrs. H. T.....Cass City
Elmendorf, Mrs. Edward.....Vassar
Flett, Mrs. Richard.....Millington
Gilbert, Mrs. Donald.....Mayville
Gugino, Mrs. Frank.....Reese

Howlett, Mrs. R. R.....Caro
Merrill, Mrs. E. H.....Caro
Miles, Mrs. Edward.....Caro
Morris, Mrs. F. L.....Cass City
Nigg, Mrs. H. L.....308 S. State St., Caro
Savage, Mrs. R. L.....Caro
Swanson, Mrs. E. C.....Vassar

VAN BUREN COUNTY

Boothby, Mrs. Carl F.....Hartford
Buckborough, Mrs. M. W.....Ainsworth Dr., South Haven
Cooper, Mrs. Joseph.....Bangor
Copeland, Mrs. Evan L.....West Sherwood St., Decatur
Diephuis, Mrs. Bert.....42 Cass, South Haven
Dillon, Mrs. Thomas J.....8210 E. Michigan Rd., Paw Paw
Gano, Mrs. Avison.....38 E. Monroe, Bangor
Itzen, Mrs. J. F.....1023 Phoenix, South Haven
Kleber, Mrs. John A.....228 Erie St., South Haven
Loomis, Mrs. F. J.....Paw Paw
McFadden, Mrs. R. I.....Bloomington

Millard, Mrs. David J.....Paw Paw
Morgan, Mrs. Dale.....210 Michigan Ave., South Haven
Penoyar, Mrs. C. L.....South Haven
Spalding, Mrs. R. W.....Gobles
Staggs, Mrs. Adelbert.....Box 38, Hartford
Steele, Mrs. Arthur H.....Paw Paw
Ten Houten, Mrs. Chas.....Paw Paw
Terwilliger, Mrs. Edwin H.....
216 Michigan Ave., South Haven
Urist, Mrs. Martin.....South Haven
Young, Mrs. William R.....Lawton

WASHTENAW COUNTY

Alexander, Mrs. John.....788 Arlington Blvd., Ann Arbor
Alford, Mrs. Barry.....14001 Beck Rd., Plymouth
Allen, Mrs. Arthur.....5 Harvard Place, Ann Arbor
Atchinson, Mrs. R. M.....332 Rogers St., Northville
Barlow, Mrs. R. Craig.....1305 Arbor View, Ann Arbor
Barr, Mrs. A. S.....2701 Brockman Blvd., Ann Arbor
Bassow, Mrs. Paul.....2220 Washtenaw Ave., Ann Arbor
Bauer, Mrs. Gerhard.....1612 Granger, Ann Arbor
Baum, Mrs. William.....2016 Shadford Rd., Ann Arbor
Beebe, Mrs. Hugh M.....
1717 S. University Ave., Ann Arbor
Beierwaltes, Mrs. Wm.....1204 Bydding Rd., Ann Arbor
Belote, Mrs. G. H.....1710 Morton, Ann Arbor
Belser, Mrs. Walter.....2101 Woodside Rd., Ann Arbor
Bosch, Mrs. H.....206 W. Dunlap, Northville
Brown, Mrs. William.....1111 Miner St., Ann Arbor
Botch, Mrs. E. S.....906 Spring St., Ann Arbor
Campbell, Mrs. Darell.....1701 Shadford Rd., Ann Arbor
Carron, Mrs. D. P.....1707 Harding Rd., Ann Arbor
Clyde, Mrs. Ensign.....1298 Sheridan, Plymouth
Coller, Mrs. Frederick.....2105 Wallingford Rd., Ann Arbor
Crook, Mrs. Clarence.....2112 Wallingford Rd., Ann Arbor
Cross, Mrs. Thomas.....1311 Iroquois, Ann Arbor
Cummings, Mrs. H. H.....1020 Ferdon Rd., Ann Arbor
Curtis, Mrs. A. C.....2122 Melrose Avenue, Ann Arbor
Davenport, Mrs. Fred M.....1308 Martin Pl., Ann Arbor
DeJong, Mrs. R. N.....1526 Harding Rd., Ann Arbor
DeTar, Mrs. J. S.....Milan
DeWeese, Mrs. M.....20 Heatheridge, Ann Arbor
Dingman, Mrs. Reed O.....1407 Lincoln Ave., Ann Arbor
Dolfin, Mrs. W. E.....1507 Ottawa Rd., Ann Arbor
Doorn, Mrs. Henry.....1110 Miner, Ann Arbor
Droske, Mrs. Lloyd.....Ypsilanti State Hosp., Ypsilanti

Dryer, Mrs. C. K.....3033 Sophia, Wayne
Duff, Mrs. Ivan.....500 W. Beech St., Ann Arbor
Dukay, Mrs. Alexander.....Ypsilanti State Hosp., Ypsilanti
Edmunds, Mrs. William.....6395 Rossback, Ypsilanti
Engleke, Mrs. Otto.....810 Hutchins Ave., Ann Arbor
Evans, Mrs. T. N.....707 Henry, Ann Arbor
Falls, Mrs. Harold.....1525 Harding Rd., Ann Arbor
Fink, Mrs. George.....411 Linda Vista, Ann Arbor
Fralick, Mrs. Bruce.....2101 Belmont, Ann Arbor
Francis, Mrs. Thomas.....1015 Berkshire Rd., Ann Arbor
French, Mrs. A. J.....409 Mark Hannah, Ann Arbor
Frost, Mrs. Lyle.....309 N. Washington, Ypsilanti
Frye, Mrs. Carl.....2025 Hill, Ann Arbor
Furstenberg, Mrs. A. C.....2240 Belmont, Ann Arbor
Ganzhorn, Mrs. E. C.....2705 Whitmore Lake Rd.,
Ann Arbor
Gates, Mrs. John.....715 S. Forest, Ann Arbor
Getting, Mrs. V. A.....1200 Arlington, Ann Arbor
Gotz, Mrs. Alexander.....709 Sunset, Ann Arbor
Gould, Mrs. Stewart.....2309 Yost, Ann Arbor
Graves, Mrs. James.....Ypsilanti State Hosp., Ypsilanti
Grawn, Mrs. Frank.....605 Pearl, Ypsilanti
Haas, Mrs. Reynold.....2200 Vinewood Blvd., Ann Arbor
Hagerman, Mrs. G. W.....2124 Tuomy Rd., Ann Arbor
Hammond, Mrs. Walter W., Jr.,.....302 Sunset St.,
Plymouth
Handorf, Mrs. H.....300 Wing Court, Northville
Hannum, Mrs. M. R.....Milan
Harrell, Mrs. R.....114 N. Division St., Ann Arbor
Harris, Mrs. Bradley.....206 S. Washington, Ypsilanti
Harris, Mrs. Scott.....220 Pearl, Ypsilanti
Henderson, Mrs. John.....2113 Devonshire Rd., Ann Arbor

Himler, Mrs. Leonard E.....1225 Fair Oaks Parkway,
Ann Arbor
Hodges, Mrs. F. J.....5 Geddes Heights, Ann Arbor
Holt, Mrs. John.....1041 Olivia, Ann Arbor
House, Mrs. F. B.....1240 Crosby Crescent, Ann Arbor
Howard, Mrs. S. C.....2009 Devonshire, Ann Arbor
Kabza, Mrs. Theodore.....2310 Fernwood, Ann Arbor
Kambly, Mrs. A. H.....1602 Leaird, Ann Arbor
Kemper, Mrs. John.....320 Juniper Lane, Barton Hills,
Ann Arbor
Kennedy, Mrs. Ralph.....3416 Oakwood, Ann Arbor
Kern, Mrs. Wheeler.....24801 Fairmount Dr., Dearborn
Kretschmar, Mrs. Norman R.....715 South Forest,
Ann Arbor
LaFever, Mrs. S. L.....2121 Melrose, Ann Arbor
Lovell, Mrs. Robert.....725 Sunset, Ann Arbor
Lugg, Mrs. Robert.....1309 S. University, Ann Arbor
Magee, Mrs. Kenneth R.....1349 Marlboro Dr., Ann Arbor
Magielski, Mrs. John E.....404 Westwood, Ann Arbor
Mallery, Mrs. O. Tod.....1611 Wells, Ann Arbor
Maher, Mrs. J. A.....419 North Ingalls, Ann Arbor
Marshall, Mrs. Mark.....918 S. Forest Ave., Ann Arbor
Martin, Mrs. D. W.....212 N. Mansfield, Ypsilanti
Mason, Mrs. S.....Box A, Ypsilanti
Mathews, Mrs. Kenneth.....322 N. State St., Ann Arbor
Maxwell, Mrs. J. H.....2139 Melrose, Ann Arbor
McWilliams, Mrs. John R.....2402 Brockman, Ann Arbor
Meyers, Mrs. Dean.....2220 Washtenaw, Ann Arbor
Milford, Mrs. A. F.....1203 Whittier Road, Ypsilanti
Muehlig, Mrs. G. F.....1520 White St., Ann Arbor
Nelson, Mrs. Roger.....1400 Mark Hannah Pl., Ann Arbor
Newton, Mrs. C. W.....1250 Ferdon Rd., Ann Arbor
Nord, Mrs. Chas.....2409 Yost, Ann Arbor
Obenauf, Mrs. Walter.....Ypsilanti State Hosp., Ypsilanti
O'Connor, Mrs. Sylvester.....1660 Arlington, Ann Arbor
Overly, Mrs. Donald.....1125 Bydding Rd., Ann Arbor
Parnall, Mrs. Chris.....510 Onondaga, Ann Arbor
Peet, Mrs. Max M.....2030 Hill Street, Ann Arbor
Pitkin, Mrs. John.....1316 Forest Park, Ann Arbor
Pitts, Mrs. Kenneth.....Ypsilanti State Hosp., Ypsilanti
Pollard, Mrs. H. M.....2012 Vinewood, Ann Arbor
Rae, Mrs. James W.....580 Rock Creek Dr., Ann Arbor

Ratliff, Mrs. R. K.....231 Corrie Rd., Barton Hills,
Ann Arbor
Reichert, Mrs. R. E.....3516 Edgewood, Ann Arbor
Rekshan, Mrs. Walter.....1562 McLain, Allen Park
Riecker, Mrs. Herman.....2109 Wallingford Rd.,
Ann Arbor
Riggs, Mrs. Harold.....2119 Devonshire Rd., Ann Arbor
Robinson, Mrs. Wm. D.....1810 Cayuga, Ann Arbor
Ross, Mrs. Howard.....180 Underdown Rd., Barton Hills,
Ann Arbor
Saunders, Mrs. Allen.....1514 White, Ann Arbor
Sayre, Mrs. George.....1208 Whittier Blvd., Ypsilanti
Schneider, Mrs. Richard C.....1003 Packard, Ann Arbor
Schoch, Mrs. Henry.....808 Princeton, Ann Arbor
Schumacher, Mrs. W. E.....1455 Stein Rd., Ann Arbor
Scovill, Mrs. Henry.....1313 W. Cross St., Ypsilanti
Seevers, Mrs. M. H.....620 Oxford Rd., Ann Arbor
Seime, Mrs. Reuben.....11 N. Hamilton St., Ypsilanti
Shaw, Mrs. John.....1900 Dexter Rd., Ann Arbor
Sheldon, Mrs. John.....2121 Tuomy Road, Ann Arbor
Sink, Mrs. Emory.....1546 Packard St., Ann Arbor
Spears, Mrs. Clarence.....1307 Pearl, Ypsilanti
Struthers, Mrs. J. N. P.....Box A, 3501 Willis Rd.,
Ypsilanti
Sturgis, Mrs. C. C.....609 Stratford Dr., Ann Arbor
Sundwahl, Mrs. John.....1520 White, Ann Arbor
Taylor, Mrs. William.....1244 Ferdon St., Ann Arbor
Thieme, Mrs. E. T.....3 Geddes Heights, Ann Arbor
Towsley, Mrs. Harry A.....1000 Berkshire Rd.,
Ann Arbor
Waggoner, Mrs. R. W.....3333 Geddes Rd., Ann Arbor
Weinbaum, Mrs. Jack.....2388 Yost Blvd., Ann Arbor
Westover, Mrs. Charles.....1375 West Ann Arbor Trail
Plymouth
Wicht, Mrs. P. J.....1386 W. Michigan Ave., Ypsilanti
Williams, Mrs. H. R.....1508 Granger Avenue
Ann Arbor
Williamson, Mrs. F. B.....922 Pleasant Avenue, Ypsilanti
Wilson, Mrs. James.....1801 Hermitage Rd., Ann Arbor
Woods, Mrs. J. J.....1900 Washtenaw, Ypsilanti
Wylie, Mrs. W. C.....3219 B. Street, Dexter
Zerbi, Mrs. Victor M.....315 N. Adams, Ypsilanti
Waldron, Mrs. Alexander.....9 Geddes Heights, Ann Arbor

WAYNE COUNTY

Adams, Mrs. James R.....751 Morley Court, Dearborn
Adams, Mrs. Vincent B.....18437 Pelkey, Detroit 5
Akroyd, Mrs. C. A.....19635 Shrewsbury, Detroit 21
Albrecht, Mrs. Herman F.....877 Chicago Blvd., Detroit
Aldrich, Mrs. E. Gordon.....14239 Chandler Park Dr.,
Detroit 13
Alexander, Mrs. Eugene J.....24140 Wilson, Dearborn
Allard, Mrs. Andrew J.....4350 Haverhill, Detroit 24
Amos, Mrs. T. Grover.....2708 Woodstock Dr., Detroit 3
Andries, Mrs. Geo. H.....17365 Muirland Ave., Detroit 31
Arehart, Mrs. Burke.....534 Roslyn Rd., Grosse Pte. 36
Ashe, Mrs. Stilson R.....12 Byfield Lane, Dearborn
Ashley, Mrs. L. Byron.....18050 Fairway Dr., Detroit 21
Asselin, Mrs. Dean.....151 Lewiston, Grosse Pointe 36
Athey, Mrs. Roland M.....630 Merrick, Detroit 2
August, Mrs. Harry E.....26081 Hendrie Blvd.,
Huntington Woods
Babcock, Mrs. Lloyd K.....13901 Ashbury Park
Detroit 27
Babcock, Mrs. W. W.....18254 Oak Drive
Detroit 21
Bagley, Mrs. Harry E.....7541 Oakman Blvd., Dearborn
Bailey, Mrs. C. C.....12824 Broadstreet Avenue
Detroit 38
Barnett, Mrs. Morton.....18295 Oak Drive, Detroit 21
Barone, Mrs. Charles J.....51 Eason Avenue,
Highland Park 3
Barone, Mrs. Jerry.....19785 Mansfield Ave., Detroit 35
Barrett, Mrs. Wyman D.....91 Touraine Rd.,
Grosse Pointe Farms 36
Barry, Mrs. J. Wright.....19150 Votrobeck Dr., Detroit 19

Bartemeier, Mrs. Leo.....Seton Institute, Baltimore, Md.
Bates, Mrs. W. M.....2587 W. Grand Blvd., Detroit 8
Bauer, Mrs. Lester E.....1317 Bishop Road
Grosse Pointe 30
Baumgarten, Mrs. E. C.....1062 Lochmoor
Grosse Pointe 36
Beach, Mrs. Watson.....281 Kenwood Court
Grosse Pointe Farms 30
Beam, Mrs. Duane.....406 Lincoln Grosse Pointe 30
Beamer, Mrs. Geo.....15834 Longmeadow Ave., Dearborn
Behan, Mrs. Robert C.....8123 E. Lafayette, Detroit 14
Bell, Mrs. J. Kenner.....49 Rhode Island Ave.,
Highland Park 3
Bentley, Mrs. Neil.....1160 Chicago Blvd., Detroit 2
Berlien, Mrs. Ivan C.....1001 E. Jefferson Ave., Detroit 7
Best, Mrs. Edward.....1229 Three Mile Drive,
Grosse Pointe 30
Bethea, Mrs. Hardee.....279 Kenwood Ct.,
Grosse Pointe Farms 36
Bicknell, Mrs. Edgar A.....13225 Birwood Ave., Detroit 4
Bielawski, Mrs. John G.....8124 East Morrow Circle,
Detroit 4
Birkhill, Mrs. Frederick Ross.....19510 Roslyn Rd.,
Detroit 21
Bird, Mrs. Waldo.....109 Moran Rd., Grosse Pte. Farms 36
Bittrick, Mrs. Norman.....7474 LaSalle Blvd.,
Detroit 6
Blain, Mrs. Alexander.....1028 Berkshire Road
Grosse Pointe 30
Blodgett, Mrs. William H.....535 Overhill Rd.,
Birmingham

Bolstad, Mrs. Donald.....1835 N. Melborn, Dearborn
 Bookmyer, Mrs. Ralph H.....19305 Afton Road
 Detroit 3
 Bracken, Mrs. Andrew H.....7540 Oakman Blvd.,
 Dearborn
 Brines, Mrs. Osborne A.....1415 Parker Ave., Apt. 266,
 Detroit 14
 Bringard, Mrs. Elmer.....18110 Fairfield Avenue
 Detroit 21
 Bristol, Mrs. Wm. R.....6142 Bishop Road
 Detroit 34
 Brooks, Mrs. Clark D.....17196 Fairway Drive,
 Detroit 21
 Brosius, Mrs. William L.....16150 Sorrento, Detroit 35
 Brough, Mrs. Glen A.....25519 Meridian Road
 Grosse Ile
 Brown, Mrs. A. G.....13991 Asbury Pk., Detroit 27
 Brown, Mrs. Audrey O.....46 Oakdale Blvd.,
 Pleasant Ridge
 Brown, Mrs. Gordon T.....8355 E. Outer Drive,
 Detroit 13
 Brush, Mrs. Brock E.....22313 Cherryhill, Dearborn
 Bryan, Mrs. John B.....2181 Sunnysknoll, Berkley
 Budd, Mrs. Alexander S.....440 Lake Park Dr.,
 Birmingham
 Buerki, Mrs. Robin.....201 Lake Shore, Grosse Pointe 36
 Buesser, Mrs. Frederick.....8100 E. Jefferson Ave.,
 Detroit 14
 Burgess, Mrs. C. M.....49 Oxford, Pleasant Ridge
 Burke, Mrs. Ralph M.....580 University Place
 Grosse Pointe 30
 Burnham, Mrs. David C.....16167 Glastonbury Road,
 Detroit 19
 Caldwell, Mrs. John R.....9580 Hemingway, Detroit 28
 Calkins, Mrs. H. Neill.....14970 Robson Avenue,
 Detroit 27
 Callaghan, Mrs. Thos. T.....201 E. Kirby, Detroit 23
 Callery, Mrs. Albert L.....5959 Bishop Rd., Detroit 24
 Campbell, Mrs. Mac D.....3 Sylvan Road
 Pleasant Ridge
 Candler, Mrs. Clarence L.....1690 Faircourt
 Grosse Pte. Woods 36
 Capano, Mrs. O. A.....26415 Meadowbrook
 Birmingham
 Caputo, Mrs. Joseph M.....22575 Nona, Dearborn
 Carpenter, Mrs. Claire H.....18701 Snowden Ave.,
 Detroit 35
 Carrick, Mrs. Lee.....506 Lakeshore Lane
 Grosse Pointe Woods 36
 Carter, Mrs. John M.....18900 Fairway Drive
 Detroit 21
 Carter, Mrs. Leland F.....750 Middlesex Rd.,
 Grosse Pointe 30
 Cavell, Mrs. R. W.....15604 Woodland Avenue,
 Dearborn
 Chall, Mrs. Henry G.....2941 W. McNichols, Detroit 21
 Chance, Mrs. Jos. H.....12731 Dartmouth, Oak Park 37
 Chapin, Mrs. Sidney.....425 Golfcrest, Dearborn
 Chester, Mrs. William.....2916 Seminole, Detroit 14
 Chipman, Mrs. Willard A.....14613 Rutland Rd.,
 Detroit 27
 Christensen, Mrs. C. A.....7876 Hartwell Ave.,
 Dearborn
 Christopher, Mrs. James G.....9515 Outer Dr., Detroit 23
 Clark, Mrs. Harold E.....10064 Ludlow Avenue
 Huntington Woods
 Clarke, Mrs. Robert B.....4989 Fisher Rd.,
 Grosse Pointe
 Clifford, Mrs. T. P.....4355 Glendale Ave., Detroit 4
 Cole, Mrs. Jas. E.....2747 Oakman Ct., Detroit 6
 Colvin, Mrs. Leslie T.....18470 Scarsdale, Detroit 28
 Connelly, Mrs. Richard C.....1360 Three Mile Drive
 Grosse Pointe 30
 Connolly, Mrs. Paul J.....16778 Westmoreland Ave.,
 Detroit 19
 Connors, Mrs. John J.....17126 Muirland, Detroit 21
 Cook, Mrs. James C.....5 Fairmount Ct., Dearborn
 Cooksey, Mrs. Norton J.....62 West Kirby, Detroit 2

Cooksey, Mrs. Warren B.....19510 Stratford Drive,
 Detroit 21
 Cooper, Mrs. Benjamin F.....1124 Berkshire Road
 Grosse Pointe 30
 Cooper, Mrs. E. L.....914 Shirley, Birmingham
 Corbett, Mrs. John J.....57 Merriweather Avenue,
 Grosse Pointe Farms 36
 Costello, Mrs. Russell T.....2850 Pine Lake Drive Rte 3
 Pontiac
 Cotant, Mrs. John F.....15717 Rosemont, Detroit 23
 Cotruro, Mrs. Louis D.....4410 Burns Ave., Detroit 14
 Crook, Mrs. Charles L.....60 Colorado, Highland Park 3
 Croushore, Mrs. James E.....2906 E. Jefferson, Detroit 7
 Cusick, Mrs. Paul L.....17575 Oak Drive, Detroit 21
 Darling, Mrs. Chas. E.....14401 Glastonbury Rd
 Detroit 23
 Darling, Mrs. Milton A.....8100 LaSalle Blvd.,
 Detroit 6
 Davidson, Mrs. Harry O.....24 Elm Park Blvd.,
 Pleasant Ridge
 Davies, Mrs. Windsor.....1013 Audubon, Grosse Pointe 36
 Dawson, Mrs. W. A.....25951 Avondale Road, Inkster
 DeFever, Mrs. Cyril R.....1113 Kensington Road,
 Grosse Pointe 30
 DeJongh, Mrs. Edwin.....3880 W. Lincoln, Birmingham
 DeNike, Mrs. James A.....2906 E. Jefferson, Detroit 7
 DeSpelder, Mrs. R. E.....1452 Yorkshire, Grosse Pointe 30
 Devine, Mrs. Herbert W.....1315 Harvard
 Grosse Pointe 30
 Dill, Mrs. J. Lewis.....18615 Birchcrest Ave., Detroit 21
 Dimond, Mrs. George C.....6853 Orchard, Dearborn
 Dixon, Mrs. Robert K.....201 East Kirby Ave., Detroit 2
 Doering, Mrs. Wendell R.....27489 Lathrup, Birmingham
 Dolgoff, Mrs. Sidney.....3205 Roosevelt, Dearborn
 Donald, Mrs. Douglas.....8120 E. Jefferson, Detroit 14
 Dorian, Mrs. Alan.....3751 Brewster Rd., Dearborn
 Dorsey, Mrs. John M.....65 Moss, Highland Park 3
 Doub, Mrs. Howard P.....18234 Wildemere Avenue,
 Detroit 21
 Downer, Mrs. Ira G.....435 Lodge Drive, Detroit 14
 Drake, Mrs. Ellert H.....31650 Curtis Ave., Livonia
 Draves, Mrs. Edward F.....14541 Grandmont, Detroit 27
 Dubois, Mrs. P. W.....630 Merrick Avenue, Detroit 2
 Dudek, Mrs. John J.....17166 Parkside Ave., Detroit 21
 Dumke, Mrs. Paul R.....544 Middlesex Blvd.,
 Grosse Pointe 30
 Dunlap, Mrs. Henry.....505 Lake Pointe,
 Grosse Pointe 30
 Dunn, Mrs. Cornelius E.....3496 Burns Ave., Detroit 14
 Durham, Mrs. Everett W.....844 N. Highland, Dearborn
 Dutcher, Mrs. Dwight J.....21742 Elkhart
 Grosse Pointe 36
 Duwe, Mrs. Frank A.....15425 Manor, Detroit 21
 Dwyer, Mrs. F. W.....740 Indianwood Rd., Lake Orion
 Eldredge, Mrs. Edward F.....1156 Harvard,
 Grosse Pointe 30
 Elvidge, Mrs. R. J.....29043 Milbrook Rd.,
 Farmington Township
 Ensign, Mrs. Dwight C.....Franklin
 Ewing, Mrs. C. H.....526 University Place
 Grosse Pointe 30
 Fallis, Mrs. L. S.....2474 Chicago Blvd., Detroit 6
 Felcyn, Mrs. W. G.....2091 W. Grand Blvd., Detroit 8
 Fellers, Mrs. R. L.....4984 Ridgewood Avenue, Detroit 4
 Fenton, Mrs. Edwin.....14831 Warwick Rd., Detroit 23
 Fenton, Mrs. Russell.....18469 Hillcrest Blvd.,
 Birmingham
 Fenton, Mrs. Stanley C.....5092 Yorkshire Ave.,
 Detroit 24
 Fentress, Mrs. Vance.....5103 Ridgewood, Detroit 4
 Ferris, Mrs. Geo. N.....17196 Murray Hill, Detroit 19
 Fisher, Mrs. C. L.....791 University Place
 Grosse Pointe 30
 Fisher, Mrs. Geo. S.....594 Seyburn Ave., Detroit 14
 Fisher, Mrs. James M.....754 Rivard Blvd.,
 Grosse Pointe 30
 Fitzgerald, Mrs. J. M.....16838 Huntington Rd.,
 Detroit 19

Flaherty, Mrs. Norman W.....24315 Fairmount Dr.,
Dearborn

Flaherty, Mrs. Samuel A.....33550 N. Hampshire, Livonia

Flaherty, Mrs. H. F.....17404 Birchcrest, Detroit 21

Ford, Mrs. G. A.....18934 Fairfield Avenue, Detroit 21

Ford, Mrs. Sylvester.....20170 Litchfield Rd., Detroit 21

Fordell, Mrs. Frank.....441 S. Oakwood Blvd., Detroit 17

Foster, Mrs. Wm. L.....15316 Piedmont, Detroit 23

Freeman, Mrs. Donald K.....926 University Place,
Grosse Pointe 30

Freeman, Mrs. Michael W.....1810 Wellesley Drive,
Detroit 3

Freitas, Mrs. Eugene L.....19914 Fairway
Grosse Pointe Woods 36

Fritz, Mrs. George.....80 Lochmoor Blvd., Grosse Pointe 36

Fryfogle, Mrs. James D.....17399 Edinborough Rd.,
Detroit 19

Ganschow, Mrs. John H.....10025 Nadine
Huntington Woods

Gardner, Mrs. Lawrence W.....18782 Glenwood
Birmingham

Gardner, Mrs. Max L.....17011 E. Jefferson
Grosse Pointe 30

Garipey, Mrs. L. J.....14590 Abington Road, Detroit 27

Gaston, Mrs. Herbert B.....7501 W. Morrow Circle,
Dearborn

Gehring, Mrs. Harold.....17607 Magnolia Parkway
Detroit 35

Geib, Mrs. L. O.....1411 Berkshire, Grosse Pointe Park 30

Gerisch, Mrs. Robert.....19441 Bretton Drive, Detroit 23

Gerondale, Mrs. E. J.....15000 Dexter Blvd., Detroit 21

Gigante, Mrs. Nicola.....1728 Seminole, Detroit 14

Gillespie, Mrs. Stephen M.....1638 DeCosta, Dearborn

Gittins, Mrs. Perry.....20210 Renfrew Road, Detroit 21

Glowacki, Mrs. Ben F.....4753 W. Outer Drive
Detroit 35

Gordon, Mrs. J. Whitlock.....12700 Mendota, Detroit 4

Gottschalk, Mrs. F. W.....1000 Whitmore Road, Apt. 15,
Detroit 3

Gourley, Mrs. Eugene V.....27426 Morningside Pl.,
Birmingham

Goux, Mrs. Raymond S.....17566 Muirland Avenue,
Detroit 21

Grace, Mrs. Joseph M.....17505 Parkside, Detroit 21

Grain, Mrs. Gerald O.....17556 Muirland Ave.,
Detroit 21

Granger, Mrs. George R.....2243 Iroquois Ave.,
Detroit 14

Gravelle, Mrs. L. J.....1156 Yorkshire Rd.,
Grosse Pointe Park 30

Greenlee, Mrs. W. T.....15239 Cedargrove, Detroit 5

Griffin, Mrs. Robert J.....20227 Lancaster
Grosse Pointe 36

Grossman, Mrs. Sol C.....20015 Shrewsbury, Detroit 21

Guerrero, Mrs. J.....4285 Glendale, Detroit 4

Gurdjian, Mrs. E. S.....19385 Renfrew Rd., Detroit 21

Guyton, Mrs. Jack S.....402 University Pl.,
Grosse Pointe 30

Hall, Mrs. E. Walter.....19210 Bretton Drive, Detroit 23

Haitinger, Mrs. Kalman S.....844 Whittier,
Grosse Pointe 30

Hamil, Mrs. Brenton M.....12 Adams Lane, Dearborn

Hamilton, Mrs. Quentin P.....16287 Mendota, Detroit 21

Hansen, Mrs. Frederick E.....120 Glynn Court, Apt. 700,
Detroit 2

Harm, Mrs. W. B.....16260 Cherrylawn Avenue
Detroit 21

Harrington, Mrs. Frank L.....16821 Stout, Detroit 19

Harris, Mrs. Harold H.....7350 Oakman, Dearborn

Hartman, Mrs. Frank W.....7661 LaSalle Blvd., Detroit 6

Hasley, Mrs. Clyde K.....2490 Longfellow Avenue,
Detroit 6

Hassig, Mrs. Walter W.....443 Maison, Grosse Pointe 36

Hastings, Mrs. Orville J.....10427 E. Outer Drive
Detroit 24

Hauser, Mrs. T. Jerome.....1980 Strathcona Dr.,
Detroit 21

Hauser, Mrs. John E.....18243 Birchcrest, Detroit 21

Havers, Mrs. Howard.....271 Kenwood Court,
Grosse Pointe 30

Hawkins, Mrs. Jas. W.....14180 Woodmont, Detroit 27

Heedman, Mrs. Louis.....18010 Roselawn, Detroit 21

Heldt, Mrs. Richard.....18491 Ardmore, Detroit 35

Heldt, Mrs. T. J.....17 Poplar Park, Pleasant Ridge

Henderson, Mrs. Leslie T.....832 N. Renaud,
Grosse Pointe 30

Herbst, Mrs. Harold B.....20482 Ardmore, Detroit 36

Herwick, Mrs. John T.....18731 Glenwood, Birmingham

Hess, Mrs. Murray W.....23860 Seneca, Oak Park

Heyner, Mrs. S. A.....3424 Oakman Blvd., Detroit 4

Hickey, Mrs. Joseph.....24346 Fairmount Drive, Dearborn

Hillenbrand, Mrs. Alfred E.....675 Fisher Road
Grosse Pointe 30

Hodges, Mrs. Frank J.....7407 Oakman Blvd., Dearborn

Hodges, Mrs. Jason.....1200 S. Oxford Rd.
Grosse Pointe 36

Hodgkinson, Mrs. Paul C.....17546 Meadowwood,
Birmingham

Hoffman, Mrs. Edwin S.....14877 Warwick, Detroit 23

Holt, Mrs. Charles.....8525 Ward, Detroit 28

Hoops, Mrs. Geo. B.....18415 Warrington, Detroit 21

Horley, Mrs. L. M.....17325 Fairfield, Detroit 21

Horton, Mrs. R. H.....17375 Fairfield Ave., Detroit 21

Horvath, Mrs. James.....15507 Ohio, Detroit 38

Howard, Mrs. Austin Z.....15492 Ashton Road, Detroit 23

Howell, James T.....27907 E. California Dr., Birmingham

Howlett, Mrs. Howard T.....20026 Shrewsbury, Detroit 21

H'Romadko, Mrs. Louis.....Martel Drive,
Bloomfield Hills

Hull, Mrs. LeRoy W.....20115 Canterbury, Detroit 21

Huminski, Mrs. T. S.....1232 Devonshire,
Grosse Pointe Park 30

Hummel, Mrs. A. R.....1020 Three Mile Drive
Grosse Pointe 30

Hunt, Mrs. Theodore H.....10095 E. Outer Drive,
Detroit 24

Hurd, Mrs. Brooks H.....20187 Schaefer Rd., Detroit 35

Husband, Mrs. Chas. W.....19450 Argyle Crescent,
Detroit 3

Husband, Mrs. Raymond.....18715 Prairie, Detroit 21

Hyde, Mrs. F. W.....14255 Faust, Detroit 23

Iacobell, Mrs. Peter H.....8080 E. Lanz, Detroit 34

Igna, Mrs. E. J.....12315 Broadstreet Ave., Detroit 4

Insley, Mrs. Stanley W.....12880 Archdale Ave
Detroit 27

Irwin, Mrs. William A.....2130 Iroquois, Detroit 14

Jackel, Mrs. C. N.....443 Lexington Avenue
Grosse Pointe Farms 36

Jaffar, Mrs. Donald J.....630 Merrick, Detroit 2

Jahsman, Mrs. William E.....Box 131, Franklin,

Jarvis, Mrs. Harold F.....14066 Linnhurst, Detroit 5

Javnes, Mrs. Richard V.....14871 Heyden, Detroit 23

Jeffries, Mrs. Benjamin.....1010 Harvard Place
Grosse Pointe 30

Jennings, Mrs. E. R.....425 Chalfonte,
Grosse Pointe 36

Jensen, Mrs. V. W.....8230 Littlefield, Detroit 28

John, Mrs. Hubert R.....31 Oakland Park Blvd.
Pleasant Ridge

Johnson, Mrs. Ralph A.....2115 Iroquois Avenue
Detroit 14

Johnson, Mrs. Thomas D.....16800 Stout, Detroit 19

Johnson, Mrs. Vernon P.....502 Pemberton
Grosse Pointe 30

Johnson, Mrs. Vincent.....345 Lodge Drive, Detroit 14

Johnston, Mrs. Wm. E.....Lee Plaza, 2240 W. Grand Blvd.,
Detroit 8

Joinville, Mrs. E. V.....3879 Riverside Drive,
Windsor, Ontario

Jones, Mrs. Roy D.....7747 West Seven Mile Rd.,
Detroit 21

Jordan, Mrs. R. G.....12791 E. Outer Drive, Detroit 24

Joyce, Mrs. Stanley J.....2040 W. McNichols, Detroit 3

Jury, Mrs. Donald B.....4 Oxford Blvd., Pleasant Ridge

Kalder, Mrs. Ned.....18270 Kirkshire, Birmingham

Kasper, Mrs. Joseph A.....1428 Buckingham Rd.,
Grosse Pointe 30
Kaump, Mrs. D. H.....16020 Warwick, Detroit 23
Keane, Mrs. William E.....1007 Harvard Road
Grosse Pointe 30
Kehoe, Mrs. Henry J.....91 Renaud Rd.,
Grosse Pointe Farms 36
Keim, Mrs. Harther L.....369 University Place
Grosse Pointe 30
Kelley, Mrs. Frank J.....440 Lothrop Rd.,
Grosse Pointe Farms 36
Kelly, Mrs. Lawrence J.....5315 Bedford Rd., Detroit 24
Kennary, Mrs. James.....2250 Iroquois, Detroit 14
Killins, Mrs. Chas.....7712 E. Jefferson Ave., Detroit 14
King, Mrs. Edward D.....2325 W. Grand Blvd., Detroit 8
King, Mrs. Melbourne J.....16021 Warwick, Detroit 23
Knaggs, Mrs. Charles W.....1209 Yorkshire
Grosse Pointe 30
Knighton, Mrs. Robert S.....27486 Lathrup St.,
Birmingham
Knights, Mrs. Edwin M. Jr.....8430 Dexter Blvd.,
Detroit 6
Koebel, Mrs. R. H.....15701 Windmill Pointe Dr.,
Grosse Pointe Park 30
Kokowicz, Mrs. R. J.....1151 Buckingham
Grosse Pointe 30
Kossayda, Mrs. Adam W.....2231 Wilson, Dearborn
Krabbenhoft, Mrs. Kenneth L.....481 E. Lewiston,
Ferndale 20
Kretschmar, Mrs. John C.....3060 Seminole, Detroit 14
Krynicky, Mrs. F. X.....17127 Muirland, Detroit 21
Kulaski, Mrs. Chester H.....7500 E. Robinwood Ave.,
Detroit 34
Kullman, Mrs. H. J.....Veterans Administration Hosp.,
Dearborn
LaHood, Mrs. M. J.....15331 Farrer, Detroit
LaMarche, Mrs. Norman O.....4139 Wakefield Rd.,
St. Johns Woods, Berkley
Lamberson, Mrs. F.....31435 Bingham Rd., Detroit
Lampman, Mrs. H. H.....42 Puritan Avenue,
Highland Park 3
Lang, Mrs. Ernest F.....4502 Grayton, Detroit 24
Lange, Mrs. Anthony H.....2211 Burns Ave., Detroit 14
Laning, Mrs. George M.....2025 W. Six Mile Rd.,
Highland Park 3
Leibinger, Mrs. Henry R.....511 Barrington Rd.,
Grosse Pointe 30
Lemon, Mrs. Bruce K.....8259 Meyers Rd., Detroit 28
Lepley, Mrs. Fred O.....1125 Three Mile Dr.,
Grosse Pointe 30
Leszynski, Mrs. J. S.....8120 E. Jefferson Ave., Apt. 2N,
Detroit 14
Levagood, Mrs. F.....14056 Artesian, Detroit 23
Liddicoat, Mrs. A. G.....18300 Bretton Drive, Detroit 23
Lightbody, Mrs. J. J.....195 Piper Blvd., Detroit 15
Lignell, Mrs. Rudolph W.....18109 San Juan, Detroit 21
Lilly, Mrs. Chas. J.....16649 Princeton, Detroit 21
Livingood, Mrs. Clarence S.....2950 Iroquois, Detroit 14
Lockwood, Mrs. Bruce.....16911 Baylis Avenue, Detroit 21
Lofstrom, Mrs. Jas. E.....265 Williams
Grosse Pointe Farms 36
Longo, Mrs. Salvatore.....918 Barrington Rd.,
Grosse Pointe 30
Longyear, Mrs. Harold W.....2082 W. Long Lake Rd.,
Bloomfield Hills
Loranger, Mrs. Clifford B.....888 Lakeshore Road
Grosse Pointe 30
Loucks, Mrs. R. E.....29915 13 Mile Road, Farmington
Lovas, Mrs. W. S.....820 S. Lafayette, Dearborn
Lowrie, Mrs. William L.....548 Southfield, Birmingham
Luce, Mrs. Henry A.....3421 Seminole, Detroit 14
Lutz, Mrs. Earl F.....6178 Lantern Lane, Foxcroft,
Birmingham
Lynn, Mrs. Harvey D.....18285 Birchcrest Dr., Detroit 21
MacFarlane, Mrs. Howard W.....3476 Seminole,
Detroit 14
MacGregor, Mrs. W. W.....6320 W. Surrey, Foxcroft,
Birmingham
Mackersie, Mrs. William.....18205 Roselawn, Detroit 21
MacQueen, Mrs. Malcolm D.....2165 Burns Ave.,
Detroit 14
Maczewski, Mrs. John.....1357 Sunningdale,
Grosse Pointe Woods 30
Mainwaring, Mrs. R. L.....15705 Jonas, Allen Park
Malone, Mrs. Richard S.....16879 St. Paul
Grosse Pointe 30
Maloney, Mrs. John A.....22635 W. 10½ Mile Rd.,
Route #3, Box 11, Birmingham
Mancuso, Mrs. Vincent S.....962 E. Grand Blvd.,
Detroit 7
Marecki, Mrs. Vincent.....9869 Chatham, Allen Park
Marsh, Mrs. A. R.....15696 Woodland Ave., Dearborn
Martin, Mrs. Peter A.....17185 Muirland Ave., Detroit 4
Martmer, Mrs. Edgar.....693 Washington Road
Grosse Pointe 30
Mattson, Mrs. Theo. M.....16 Ridge Road, Pleasant Ridge
May, Mrs. Frederick T.....16637 Parkside, Detroit 21
McAlonan, Mrs. William T.....630 Merrick Avenue,
Detroit 2
McCadie, Mrs. J. H.....14241 Artesian, Detroit 23
McClellan, Mrs. Gustave L.....2046 W. Boston Blvd.,
Detroit 6
McColl, Mrs. Clark.....19701 Chesterfield, Detroit 21
McCormick, Mrs. Colin C.....24352 Rockford Drive,
Dearborn
McCormick, Mrs. Frank T.....859 Longfellow, Detroit 2
McDonald, Mrs. A. L.....1247 Berkshire, Grosse Pointe 30
McDonald, Mrs. Allan.....15015 Ward Ave., Detroit 27
McDonald, Mrs. William G.....9347 Becker, Allen Park
McDowell, Mrs. Douglas B.....Wayne Co. Gen. Hospital,
Eloise
McEvitt, Mrs. Wm. G.....1140 W. Boston Blvd., Detroit 2
McGraw, Mrs. Arthur B.....340 Lakeland
Grosse Pointe 30
McIntyre, Mrs. Wm.....1233 Audubon Rd.,
Grosse Pointe 30
McKnight, Mrs. Robert E.....19818 Lesure, Detroit 35
McRae, Mrs. Donald H.....259 W. Grand Blvd., Detroit 16
Meek, Mrs. Stuart F.....13020 Kilbourne, Detroit 13
Menagh, Mrs. Frank R.....4010 Columbus, Detroit 4
Merrill, Mrs. William O.....W. Long Lake Road
Bloomfield Hills
Metes, Mrs. John S.....1261 Fairholme Rd.,
Grosse Pointe 36
Michael, Mrs. Michael J.....938 S. Renaud Rd.,
Grosse Pointe 36
Mitchell, Mrs. C. Leslie.....34 Hendrie Lane
Grosse Pointe 36
Molnar, Mrs. J. G.....14890 Glastonbury Rd., Detroit 23
Molnar, Mrs. Stephen K.....434 S. Highland, Dearborn
Monson, Mrs. Robert C.....1070 N. Renaud
Grosse Pointe 36
Monto, Mrs. Raymond W.....16845 Lauder, Detroit 35
Morley, Mrs. Harold V.....101 Elm Park Blvd.,
Pleasant Ridge
Moroun, Mrs. S. J.....203 Lakeland
Grosse Pointe 30
Murphy, Mrs. Robert T.....19 Oakland Park
Pleasant Ridge
Murray, Mrs. William A.....11841 Ohio, Detroit 4
Musselman, Mrs. Merle M.....Wayne Co. Gen. Hospital,
Eloise
Myers, Mrs. Dan W.....1150 Bedford Rd.,
Grosse Pointe 30
Nahigian, Mrs. Russell.....17371 Annchester, Detroit
Nehra, Mrs. John.....662 S. Renaud Rd., Grosse Pointe 36
Nelson, Mrs. Darwin M.....63 Ridge Rd., Grosse Pointe 36
Nickerson, Mrs. I. D.....6245 Golfview Dr., Birmingham
Norton, Mrs. A. B.....18615 Muirland Avenue, Detroit 21
Noshay, Mrs. William C.....25505 Wareham Dr.,
Huntington Woods
Novy, Mrs. Robert L.....2910 Iroquois, Detroit 14
Oetting, Mrs. Edward.....2923 Iroquois, Detroit 14
Ohmart, Mrs. Galen B.....2150 Iroquois, Detroit 14
Olmsted, Mrs. George S.....19766 Steel, Detroit 35
Olson, Mrs. James A.....19 Norwich Rd., Pleasant Ridge

O'Rourke, Mrs. Paul V.....700 Seward, Detroit 2
 Ostrowski, Mrs. Arthur Z.....20127 Sheffield, Detroit 21
 O'Sullivan, Mrs. G. S.....18129 Sunnybrook,
 Birmingham
 Owen, Mrs. Clarence I.....1544 Vinewood, Detroit 16
 Parcells, Mrs. Frank H.....1014 Buckingham
 Grosse Pointe 30
 Parsons, Mrs. John P.....808 Grand Marais,
 Grosse Pointe 30
 Perkin, Mrs. Frank S.....1049 Yorkshire Rd.,
 Grosse Pointe 30
 Peterman, Mrs. Earl A.....19515 Cumberland Way
 Detroit 3
 Peterson, Mrs. Robert A.....17581 Prest, Detroit 35
 Pichette, Mrs. J. Walton.....627 Morley Ct., Dearborn
 Pickard, Mrs. O. W.....20208 Litchfield, Detroit 21
 Pietra, Mrs. Alex W.....9405 E. Outer Drive, Detroit 13
 Poirier, Mrs. R. A.....425 Bryn Mawr, Birmingham
 Porretta, Mrs. F. S.....8156 Normile, Detroit 4
 Posch, Mrs. Joseph L.....853 Brys Dr.,
 Grosse Pointe Woods 36
 Potter, Mrs. L. S.....287 Merriweather
 Grosse Pointe Farms 36
 Pratt, Mrs. Jean P.....18910 Fairway Dr., Detroit 21
 Priborsky, Mrs. Benjamin H.....3005 Iroquois, Detroit 14
 Price, Mrs. Hazen.....18605 Birchcrest, Detroit 21
 Priest, Mrs. Robert J.....9312 Faust, Detroit 28
 Procailo, Mrs. Alexander B.....4125 Seymour Ave.,
 Dearborn
 Purcell, Mrs. Frank H.....869 Edgemont Park,
 Grosse Pointe 30
 Ratigan, Mrs. Carl S.....16121 Longmeadow, Dearborn
 Rebuck, Mrs. John W.....16955 Beverly Rd., Birmingham
 Redding, Mrs. Lowell G.....1104 Claremont, Dearborn 7
 Redfern, Mrs. Earl W.....17392 Kirkshire, Birmingham
 Reed, Mrs. Jos. O. Jr., 434 St. Clair, Grosse Pointe 30
 Reiff, Mrs. M. V.....10059 Crocuslawn, Detroit 4
 Reive, Mrs. David L.....16002 Oak Drive, Detroit 21
 Rennell, Mrs. Leo P.....18222 Fairfield, Detroit 21
 Reveno, Mrs. Wm. S.....19398 Stratford Rd., Detroit 21
 Reyner, Mrs. Clarence E.....19999 Stratford Road,
 Detroit 21
 Reynolds, Mrs. R. P.....17521 Hamilton Drive, Detroit 3
 Rhoades, Mrs. Francis P.....272 Ashland, Detroit 15
 Rice, Mrs. H. R.....20420 Briarcliff, Detroit 21
 Robb, Mrs. Milton.....315 Lakeland, Grosse Pointe 30
 Robinson, Mrs. Frederic L.....100 S. Waverly,
 Dearborn
 Roman, Mrs. S. J.....25531 Avondale, Inkster
 Ronayne, Mrs. John J.....189 Richton, Detroit 3
 Ross, Mrs. Donald G.....617 Neff, Grosse Pointe 30
 Rowda, Mrs. Michael S.....7 Cambridge Rd.,
 Pleasant Ridge
 Ruedemann, Mrs. Albert D.....1018 Three Mile Dr.,
 Grosse Pointe 30
 Ruedemann, Mrs. A. D. Jr.....242 Lewiston,
 Grosse Pointe 36
 Runge, Mrs. E. F.....25549 Rogue River Drive., Detroit
 Rupp, Mrs. Jacob R.....5538 Cass Ave., Detroit 2
 Sadler, Mrs. Henry, Jr.....502 Lincoln Rd., Grosse Pointe 30
 Sage, Mrs. Thomas.....379 St. Clair, Grosse Pointe 30
 Sapala, Mrs. Andrew.....13021 Mackenzie Ave., Detroit 28
 St. Louis, Mrs. R. J.....10909 W. Jefferson Ave., River Rouge
 Sawyer, Mrs. Harold F.....22 Cambridge Blvd., Pleasant Ridge
 Scarney, Mrs. Herman D.....5400 Pontiac Trail, R 5, Pontiac
 Schillinger, Mrs. Harold K.....4838 Nickel, Dearborn
 Schimek, Mrs. Robert A.....40 California, Detroit 3
 Schlafer, Mrs. Nathan H.....18420 Wildemere, Detroit 21
 Schmaltz, Mrs. John D.....17656 Grandville, Detroit 19
 Schmidt, Mrs. Werner F.....411 Roland Ct., Grosse Pointe 36
 Schneck, Mrs. Robert J.....2129 Iroquis, Detroit 14
 Schuknecht, Mrs. Harold F.....500 Neff Rd., Grosse Pointe 30

Schulte, Mrs. Carl H.....20171 Renfrew, Detroit 21
 Schweigert, Mrs. C. F.....12185 E. Outer Dr., Detroit 24
 Seeley, Mrs. J. B.....7870 Oakman Blvd., Dearborn
 Segar, Mrs. Lawrence F.....19000 Birchcrest, Detroit 21
 Sellers, Mrs. Chas. W.....2051 Chicago Blvd., Detroit 6
 Sellers, Mrs. Graham.....3371 Sherbourne Rd., Detroit 21
 Sewell, Mrs. George.....4365 Clements, Detroit 4
 Sewell, Mrs. George R.....350 Elmhurst, Highland Park 3
 Sharp, Mrs. Elwood A.....635 Neff Rd., Grosse Pointe 30
 Sharrer, Mrs. Chas. H.....1133 Grayton Rd., Grosse Pointe 30
 Sherman, Mrs. William L.....201 E. Kirby Ave., Detroit 2
 Sherrin, Mrs. Edgar.....32 Oakland Park Blvd., Pleasant Ridge
 Shreve, Mrs. Alfred J.....7 Amherst Lane, Dearborn
 Shumaker, Mrs. Ed J.....17606 Wildemere, Detroit 21
 Sieber, Mrs. Edward H.....5 Byfield Lane, Dearborn
 Siefert, Mrs. Wm. A.....15920 Glastonbury Rd., Detroit 23
 Sigler, Mrs. John W.....1356 Greenlawn, Birmingham
 Sinclair, Mrs. James W.....21806 Moross Rd., Grosse Pointe 36
 Singer, Mrs. Floyd W.....24441 Emerson, Dearborn
 Sippola, Mrs. Geo. W.....13603 LaSalle Blvd., Detroit 38
 Slangenhaupt, Mrs. J. G.....16887 Lawton, Detroit 21
 Slevin, Mrs. John G., Jr.....1132 Whittier Rd., Grosse Pointe Park 30
 Sly, Mrs. Robert F.....22213 Tenny St., Dearborn 8
 Smith, Mrs. F. Janney.....2405 Burns, Detroit 14
 Smith, Mrs. J. A.....U.S.P.H.S. Hospital, Windmill Pte. Dr., Detroit 15
 Somers, Mrs. Donald C.....4205 Valley Forge, R 1, Birmingham
 Sonda, Mrs. L. Paul.....8625 Marygrove, Detroit 21
 Spademan, Mrs. L. C.....484 Warren Court, Birmingham
 Spalding, Mrs. Edward.....214 Cloverly Rd., Grosse Pointe 36
 Stapleton, Mrs. Wm. J.....201 E. Kirby, Apt. 404, Detroit 2
 Staryk, Mrs. E.....1010 N. Oxford, Grosse Pointe 36
 Stebbins, Mrs. Charles E.....14176 Glastonbury, Detroit 23
 Stefani, Mrs. E. L.....18600 Birchcrest Dr., Detroit 21
 Steinbach, Mrs. Albert L.....19335 Pinehurst, Detroit 21
 Steinbach, Mrs. Henry B.....411 Lakeland, Grosse Pointe 30
 Stellhorn, Mrs. C. E.....16589 Warwich Ave., Detroit 19
 Sterling, Mrs. R. R.....52 Oxford Rd., Pleasant Ridge
 Stevens, Mrs. Charles H.....15422 Manor, Detroit 38
 Stirling, Mrs. Alexander M.....1005 Kensington Ave., Grosse Pointe 30
 Stockwell, Mrs. Benjamin W.....192 Lothrop Rd., Grosse Pointe Farms 36
 Stockwell, Mrs. Glen W.....10210 Second Blvd., Apt. D-2, Detroit 3
 Stokfisz, Mrs. Thaddeus.....7025 Oakman Blvd., Dearborn
 Stone, Mrs. Dayton.....641 Covington Rd., Detroit 3
 Straith, Mrs. Claire L.....19490 Parkside Ave., Detroit 21
 Straith, Mrs. Richard.....38 Oxford Rd., Pleasant Ridge
 Strand, Mrs. Martin E.....451 Golfcrest Dr., Dearborn
 Stump, Mrs. George D.....12825 E. Outer Dr., Detroit 24
 Sugar, Mrs. David I.....18140 San Juan, Detroit 21
 Summers, Mrs. Wm. S.....18456 Wildemere, Detroit 21
 Swanson, Mrs. Robert.....1601 Beaupre Rd., Grosse Pointe Farms 36
 Swartz, Mrs. Fred G., Jr.....38285 W. 12 Mile Rd., Farmington
 Swift, Mrs. Karl L.....38285 W. 12 Mile Rd., Farmington
 Tesluk, Mrs. Henry.....23114 Lodge Lane, W. Dearborn
 Texter, Mrs. E. C.....2990 Seminole Ave., Detroit 14
 Thumann, Mrs. Robert C.....666 Washington Rd., Grosse Pointe 30
 Townsend, Mrs. Frank M.....15231 Windmill Pointe Dr., Grosse Pointe 30
 Trafas, Mrs. Peter C.....7475 Woodrow Wilson, Detroit 6
 Tremain, Mrs. Harold.....19700 Steel Ave., Detroit 35
 Turcotte, Mrs. Vincent J.....545 Lakeland, Grosse Pointe 30

SUPPL. JMSMS

Tuynman, Mrs. Peter E.....18781 Dolores, Southfield Twp., Birmingham
 Umphrey, Mrs. C. E.....19161 Warrington Dr., Detroit 21
 Van Riper, Mrs. Steven L.....1490 Iroquois, Detroit 14
 Vorwald, Mrs. Arthur.....210 McKinley, Grosse Pointe 36
 Vosler, Mrs. Albert G.....222 Moran Rd., Grosse Pointe Farms 36
 Wainstock, Mrs. Michael A.....19825 Wildemere Ave., Detroit 21
 Walker, Mrs. Roger V.....1507 Iroquois, Detroit 14
 Walker, Mrs. Roger V., Jr.....4324 Biddle, Wayne
 Walzer, Mrs. Howard C.....270 Suffield Rd., Birmingham
 Walter, Mrs. Floyd J.....15464 Ferguson, Detroit 27
 Warden, Mrs. H. F.....7605 Oakman Blvd., Dearborn
 Warren, Mrs. Wadsworth.....2942 Burns, Detroit 14
 Watson, Mrs. Douglas J.....14500 Piedmont Rd., Detroit 23
 Watson, Mrs. Edwin J.....Pembroke Dr., Bloomfield Hills
 Watts, Mrs. John C.....7740 Oakman, Dearborn
 Watts, Mrs. Joseph.....12944 Archdale, Detroit 27
 Weaver, Mrs. Clarence E.....18962 Warrington Dr., Detroit 21
 Weaver, Mrs. Delmar F.....1100 Bishop Rd., Grosse Pointe 30
 Weber, Mrs. Karl W.....674 N. Renaud, Grosse Pointe 36
 Weed, Mrs. Milton R.....1997 E. Grand Blvd., Detroit 11
 Weiser, Mrs. Frank A.....235 Charlevoix, Grosse Pointe 36
 Wendel, Mrs. J. S.....17310 Wildemere, Detroit 21
 Weston, Mrs. Earl E.....5655 Forman Dr., Wing Lake, Birmingham
 Weston, Mrs. H. L.....16196 Sunderland, Detroit 19

Weyher, Mrs. R.....5383 Oakman Blvd., Detroit 4
 White, Mrs. Donald L.....10410 Morross, Dearborn
 White, Mrs. Milo R.....1187 Longfellow, Detroit 2
 Whiteley, Mrs. Robert K.....216 Lakeland, Grosse Point 30
 Whittaker, Mrs. A. H.....17000 E. Jefferson, Grosse Pointe 30
 Wiant, Mrs. John L.....1205 Chesterfield, Birmingham
 Wietersen, Mrs. Fred K.....260 Manor Rd., R. 2, Birmingham
 Wight, Mrs. Frederick B.....1415 Parker, Detroit 14
 Williams, Mrs. C. J.....1342 Grayton Rd., Grosse Pointe 30
 Wilson, Mrs. Gerald A.....4800 Leslie Ave., Detroit 4
 Wise, Mrs. Robert K.....16595 Strathmoor, Detroit 35
 Wissman, Mrs. H. C.....6815 Oakman Blvd., Dearborn
 Witter, Mrs. Joseph A.....17516 Fairfield Ave., Detroit 21
 Witwer, Mrs. E. R.....17452 Third Ave., Apt. 201, Detroit 3
 Wood, Mrs. Kenneth A.....4833 Mayflower Ct., Bloomfield Hills
 Yancy, Mrs. William A.....10 Abbott Lane, Dearborn
 Yott, Mrs. Wm. J.....854 Lake Shore Dr., Grosse Pointe 36
 Young, Mrs. Don A.....Dunston Rd., Bloomfield Hills
 Young, Mrs. Lloyd B.....16603 Shaftsbury Rd., Detroit 19
 Zabinski, Mrs. Edward.....1173 Harvard Rd., Grosse Pointe 30

Honorary Member

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 Beck, Mrs. Stanley.....16649 Churchill, Wyandotte
 Bott, Mrs. E. T.....1804 13th St., Wyandotte
 Bower, Mrs. Donald.....1005 King's Highway, Lincoln Park
 Boyd, Mrs. John.....2052 Church Place, Trenton
 Brown, Mrs. Chas.....1729 Davis, Wyandotte
 Brown, Mrs. Robert.....9361 Mortonview, Dearborn
 Bruer, Mrs. Edgar.....9037 Park Ave., Allen Park
 Butler, Mrs. Harry R.....9415 Mortonview, Dearborn
 Calahan, Mrs. Joseph L.....13381 Catalpa, Wyandotte
 Cameron, Mrs. Arthur H.....155 Vinewood Ave., Wyandotte
 Coan, Mrs. Glenn L.....19603 Park Lane, Grosse Ile
 Cook, Mrs. Jas. C.....2730 21st St., Wyandotte
 Davis, Mrs. E. F.....1852 Seventeenth St., Wyandotte
 Deering, Mrs. Robert J.....26255 West River Rd., Grosse Ile
 Durocher, Mrs. Raymond E.....4160 Jefferson, Ecorse
 Easterly, Mrs. Robert.....2514 Eighteenth St., Wyandotte
 Engel, Mrs. Earl.....33 Emmons Court, Wyandotte
 Erickson, Mrs. Eldon W.....9720 Lakewood Ave., Grosse Ile
 Foote, Mrs. Jas. A.....870 Winchester, Lincoln Park
 Frothingham, Mrs. Geo. E.....1657 23rd St., Wyandotte
 Ganos, Mrs. Thomas.....1019 Stewart, Lincoln Park
 Gilbert, Mrs. Harold R.....13146 Phelps, Wyandotte
 Herkimer, Mrs. Daniel R.....1802 Buckingham Ave., Lincoln Park 25
 Hileman, Mrs. Lee.....755 New York Ave., Lincoln Park 25
 Hoffer, Mrs. Thomas.....1401 Ann St., Allen Park
 Honor, Mrs. William H.....20446 E. River Road, Grosse Ile
 Hookey, Mrs. John A.....2872 Van Alstyne, Wyandotte
 Jones, Mrs. Wm. J.....13839 Crescent, Allen Park
 Kazdan, Mrs. Morris.....15024 McLain, Allen Park

Knaggs, Mrs. Earl.....13179 Phelps, Wyandotte
 Knapp, Mrs. Byron S.....7536 Colwell, Allen Park
 Knox, Mrs. Ross M.....15400 Philomene Ave., Allen Park
 Kuhn, Mrs. Richard F.....27857 Elba Ave., Grosse Ile
 Kwasiborski, Mrs. Stanley.....1811 Superior, Wyandotte
 LaBerge, Mrs. Jas. M.....1767 Ash St., Wyandotte
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 McColl, Mrs. C.....2285 21st St., Wyandotte
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 Morley, Mrs. Arthur.....2453 22nd St., Wyandotte
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 Roberts, Mrs. A. J.....859 Winchester, Lincoln Park 25
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 Speck, Mrs. Carlos.....14870 Harrison Ave., Allen Park
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 Van Becelaire, Mrs. Lawrence, Jr.....921 Garfield, Lincoln Park
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 Lommen, Mrs. Ralph.....Manton
 Masselink, Mrs. Henry J.....McBain
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 Moore, Mrs. Gregory.....734 E. Division, Cadillac
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Michigan State Medical Assistants' Society

Roster, 1955

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Gremillion, Elsie.....	Allegan Health Center Allegan	Wilson, Phyllis.....	James Clark, M.D., Fennville
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Wolf, Hazel.....Richard N. Elghammer, M.D.
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Vore, Treeva.....Donald M. Harris, M.D.,
35 So. Sprague St., Coldwater

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217½ S. Superior, Albion
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408 Capital S. W., Battle Creek
Doane, Kay.....Francis L. Lam, M.D.,
408 Capital Ave., S.W., Battle Creek
Griffin, Donna.....Drs. Slagle & Brown
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Jones, Marian.....Tyre K. Jones, M.D.,
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Miller, Thelma.....S. Fairbanks, M.D.,
306 S. Superior St., Albion

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Schlottman, Ruby.....C. M. Mercer, M.D.,
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1008 Wolverine, Battle Creek
Taylor, Addie.....Drs. Slagle & Brown
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Barbaglia, Regina.....	Drs. E. C. Baumgarten & T. W. Baumgarten 8045 E. Jefferson, Detroit	Gustaf, Barbara K.....	M. S. Brent, M.D. 13503 Northlawn, Detroit
Bartlett, Esther.....	R. L. Novy, M.D. 858 Fisher Bldg., Detroit	Hasler, L. Dorothy.....	Thomas Miller, M.D. 1301 David Whitney Bldg., Detroit
Bartus, Mary.....	Luther R. Leader, M.D. 1129 David Whitney Bldg., Detroit	Heidelberger, Freda.....	Harper Hospital 3825 Brush St., Detroit
Bassett, Margaret.....	Joseph F. Beer, M.D. 104 N. Riverside, St. Clair	Johnson, Joyce.....	Drs. N. L. Feldman & M. S. Brent 11420 Mack, Detroit
Belasco, Velam.....	Drs. Copuzzi, Atchison & Wetterstrom 501 W. Dunlop, Northville	Kempf, Eugene, Jr.....	Aram Ignatius, M.D. 1915 E. Nine Mile, Ferndale
Bell, Dorothy.....	Private Duty 3020 Tuxedo, Detroit	Kotsch, Elsie.....	Walter L. Anderson, M.D. 5902 Jos. Campau, Detroit
Buehring, Lelila.....	H. L. Feldman, M.D. 11420 Mack, Detroit	Kuhn, Gaige.....	Russell M. Atchison, M.D. 501 W. Dunlop, Northville
Cadieux, Luella.....	Harry E. Schmidt, M.D. 666 Fisher Bldg., Detroit	Larry, Joan.....	Francis B. Macmillan, M.D. 920 David Whitney Bldg., Detroit
Capshaw, Alice.....	Roy Tupper, M.D. 15105 W. 7 Mile Rd., Detroit	Lojowski, Lydia A.....	Robert J. Elvidge, M.D. 2900 W. Grand Blvd., Detroit
Ceaser, Ruth.....	C. W. Lepard, M.D. 1025 David Whitney Bldg., Detroit	McLellan, Margaret.....	Drs. C. G. Weltman & L. W. Hull 1701 David Whitney Bldg., Detroit
Clinton, Patricia.....	Marvin B. Levy, M.D. 13906 Woodward, Detroit	McMahon, Jeanne.....	2978 Lakeview, Detroit
Coffman, Sara.....	E. Osius, M.D. 901 David Whitney Bldg., Detroit	Mahon, Mae.....	Detroit Admitting Office Grace Hospital, Detroit
Coleman, Geraldine.....	Drs. Tanner & Cain 8033 12th St., Detroit	Malkey, Grace.....	Royce R. Shafter, M.D. 655 Fisher Bldg. Detroit
Cousineau, Thelma.....	Charles Gitlin, M.D. 1610 Glendale, Detroit	Marsh, Mabel.....	Nathan Levitt, M.D. 697 Kales Bldg., Detroit
Cross, Rae.....	Drs. E. H. Sieber & J. W. Pichette 15112 Michigan, Dearborn	Miller, Katherine.....	B. F. Seabrook, M.D. 9136 Oakland, Detroit
Currier, Mildred.....	F. B. Wight, M.D. 1052 David Whitney Bldg., Detroit	Navin, Mary.....	E. A. Hoffman, M.D. 7615 Vernor Highway, Detroit
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		Nottingham, Helen.....	Memorial Hospital Clinic 2700 Van Dyke, Van Dyke

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Redman, Marlouise.....
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541 David Whitney Bldg., Detroit

Runde, Emily.....J. T. Harper, M.D.
1252 David Whitney Bldg., Detroit

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1553 Woodward, Detroit

Schultz, Margaret.....Harther L. Keim, M.D.
1110 David Broderick Tower, Detroit

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901 David Whitney Bldg., Detroit

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1151 Taylor, Detroit

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11420 Mack, Detroit

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Sweet, Lily M.....Albert Catherwood, M.E.
1337 David Whitney Bldg., Detroit

Taylor, Ferne.....John B. Rieger, M.D.
1261 David Whitney Bldg., Detroit

Warber, Esther.....441 E. Jefferson, Detroit

Weaver, Shirley.....1403 No. Campbell, Detroit

Weatherwax, M. Marie.....
Drs. Fralick, Falls & Henderson
Out-Patient Bldg., University Hospital, Ann Arbor

Webster, Sarah....Drs. Hugh A. Sullivan & H. C. Mortiz
1053 David Whitney Bldg., Detroit

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16455 Woodward, Detroit

Zelle, Elizabeth.....Drs. Trythall & Jeremis
13300 Livernois, Detroit

Zieleniewski, Helen.....14100 Mendota, Detroit

WEXFORD COUNTY

Brown, Marion.....Dean Seger, M.D.
Lake City

Michigan State Medical Society

Constitution

ARTICLE I—NAME

Section 1. The name of this organization shall be The Michigan State Medical Society.

ARTICLE II—COMPONENT COUNTY SOCIETIES

Section 1.—Component County Societies.

Component County Societies shall consist of those County Medical Societies which hold charters from this State Medical Society.

Sec. 2.—Geographical Scope.

Only one component County Society shall be chartered in any one county of the State; provided, however, when in the judgment of the House of Delegates it is deemed to be to the best interests of this Society, a charter may be granted to a component County Society comprising two or more counties.

ARTICLE III—PURPOSES

Section 1. To bring into one organization the Doctors of Medicine of this State of Michigan, and through it and other similar societies of other states to form and maintain the American Medical Association.

Sec. 2. To maintain a program of educational service to the public on matters of health and hygiene.

Sec. 3. To encourage among members of the medical profession the interchange of views on all phases of professional advancement and thus better to equip each member of the profession to serve society and promote the public health.

Sec. 4. To maintain a program of scientific education for the members of The Society keyed to the constantly developing discoveries in the field of medicine; and to foster, encourage and co-ordinate postgraduate facilities for the medical profession as a whole.

Sec. 5. To disseminate advances in medical research among the profession generally, by the issuance of scientific publications.

Sec. 6. To maintain and to advance the standards of medical practice in this State, with respect to the highest concepts of ethics.

Sec. 7. To acquire and hold such real and personal property as may be necessary for the full and proper execution of the corporate purposes as detailed herein.

Sec. 8. To carry on such organization, functions and activities as are deemed necessary to accomplish effectively the above purposes; provided, however, that the Society shall engage in no activities that cannot be construed as relevant, incidental or necessary to its charitable, educational and scientific purposes.

ARTICLE IV—DIVISIONS

Section 1. This Society as a State unit of the American Medical Association, and as the State expression of the County Societies of Michigan, shall have three major divisions.

1. The Society as a whole, as when it meets in Annual Session.

2. The Scientific Assembly with its subordinate or related bodies.

3. The House of Delegates with its subordinate or related bodies.

ARTICLE V—THE SOCIETY AS A WHOLE

Section 1. The Society as a whole shall hold an Annual Session at such time and place and of such duration as the House of Delegates may determine. This

power may be delegated to The Council or to the Executive Committee of The Council by the House of Delegates.

ARTICLE VI—SCIENTIFIC ASSEMBLY

Section 1. The Scientific Assembly of this Society is the convocation of its members for the presentation and discussion of subjects pertaining to the science and art of medicine, its allied specialties and the problems of public health conservation.

ARTICLE VII—HOUSE OF DELEGATES

Section 1. The House of Delegates shall be the legislative body of the Michigan State Medical Society and shall consist of Delegates elected by component County Societies and Delegates-at-Large, as prescribed by the By-Laws.

ARTICLE VIII—MEMBERS

Section 1. This Society shall consist of active members, honorary members, associate members, retired members, life members and military members, elected in accordance with the By-Laws.

ARTICLE IX—OFFICERS AND ELECTED REPRESENTATIVES

Section 1. The officers of this Society shall be a President; a President-Elect; a Treasurer; a Secretary; a Speaker and a Vice Speaker of The House of Delegates; and Councilors.

Sec. 2. The elected representatives of this Society shall be the Delegates and the Alternate Delegates to the House of Delegates of the American Medical Association.

ARTICLE X—THE COUNCIL

Section 1. The Council shall be the Executive Body of the Society. It shall consist of one Councilor from each Councilor District, the President, President-Elect, immediate Past President, Speaker of the House of Delegates, with the Secretary and the Treasurer, the last two being elected by the foregoing. It shall have the custody and entire control of all funds and property of the Society and shall act for the Society as a Whole and for The House of Delegates between sessions.

Sec. 2. The Executive Committee of The Council shall consist of its Chairman, Vice Chairman, Chairman of the Finance Committee, Chairman of the County Societies Committee, Chairman of the Publication Committee, President, President-Elect, Secretary, Treasurer and the Speaker of the House of Delegates. It shall act for the Society as a whole and for the House of Delegates between sessions of The Council, except that a policy established by the House of Delegates or by The Council shall not be changed.

Sec. 3. The Vice Speaker shall be a member of The Council and the Executive Committee without vote except in the absence of the Speaker.

ARTICLE XI—FUNDS AND EXPENSES

Section 1. Funds for meeting the expenses of the Society shall be raised by annual dues, special assessments and voluntary contributions.

Sec. 2. Annual membership dues and assessments shall be fixed by the House of Delegates.

ARTICLE XII—AMENDMENTS

Section 1. The House of Delegates may amend any article of this Constitution by a two-thirds vote of the Delegates seated at any Annual Session, provided that

such amendment shall have been presented in open meeting at the previous Annual Session, and that it shall have been published at least once during the year in THE JOURNAL of the Society, or sent officially to each

component County Society at least two months before the meeting at which final action is to be taken.

Sec. 2. This Constitution or any amendment thereto shall become effective immediately upon its adoption.

By-Laws

CHAPTER 1—COMPONENT COUNTY SOCIETIES

Section 1. The charter of each component County Society shall require that each of the provisions of the Constitution and By-Laws of the Michigan State Medical Society, together with each amendment to either thereof, hereafter adopted, in so far as the same is applicable, shall be an integral part of the Constitution and By-Laws of the component County Society to which a charter is issued and shall in no way be inconsistent with the Constitution and By-Laws of the Michigan State Medical Society. Each charter shall be authorized by the House of Delegates and signed by the President and the Secretary of this Michigan State Medical Society.

Sec. 2. The House of Delegates is empowered to revoke the charter of any Component County Society whenever it finds that such Society has materially breached any of the provisions of the Constitution or By-Laws of this State Society or has failed to function within the expressed spirit and purpose of this State Society to such an extent that revocation of charter is compatible with the best interests of this State Society. Petition for the revocation of charter of any component County Society may be filed with The Council by a Councilor of the district within which each Society is located, or by any three members of The Council of this State Society or by the President of this State Society. Such petition shall be in writing and set forth with reasonable particularity the matters complained of and upon which the petition is founded. A copy of such petition together with written notice of the time and place of hearing on the petition shall be served on the affected component County Society by registered mail, return receipt requested, not less than 60 days before the date of such hearing. The affected component County Society may, within 30 days after service upon it of copy of the petition, file with The Council by registered mail, return receipt requested, a written answer thereto. The Council shall afford the affected component County Society a fair hearing of the matters complained of and a suitable opportunity to present its defense. The component County Society may be represented by legal counsel. Written arguments may be filed on behalf of the affected component County Society and by the petitioner. Stenographic notes shall be made of the entire proceedings on such hearing and a complete record shall be prepared, which record shall consist of the petition, answer, testimony, exhibits, written arguments and other pertinent matter. The Council shall make its decision based on the records, setting forth in writing its finding of facts, conclusions and reasons therefor. If two-thirds of the members of The Council do not concur in the conclusion that the charter of the affected component County Society should be revoked, the petition shall be deemed dismissed and the proceedings ended. If two-thirds of the members of The Council concur in the conclusion that the charter of the affected component County Society should be revoked, the Chairman of The Council shall transmit to the House of Delegates a report, consisting of the decision of The Council with all records annexed, and shall serve a copy thereof on the affected component County Society. The House of Delegates shall at the next regular or special session thereof following the transmittal of such report, consider and take

such action on the report as it may deem proper. In case the House of Delegates desires further proofs in relation to the issues involved, it may remand the matter to The Council for further hearing and report. The action of the House of Delegates on the report of The Council shall be the final decision with reference to the revocation of the charter of a component County Society. Provided, that the component County Society, if it feels aggrieved by the decision of the House of Delegates, may, within six months, appeal to the Judicial Council of the American Medical Association, whose opinion shall be final.

CHAPTER 2—REGULATION OF MEMBERSHIP

Section 1. Each component County Society shall be the judge of the qualifications of its own members; but, as such societies are the only portals to this State Society and the American Medical Association, each reputable practitioner of medicine who meets the requirements specified in the By-Laws, Chapter V, shall be eligible to active membership.

Sec. 2. A Doctor of Medicine whose principal location of practice is near a county line may hold his membership in that component County Society most convenient for him to attend, on permission of The Council of the Michigan State Medical Society.

Sec. 3. Each component County Society shall have general direction of the affairs of the profession in the county, and its influence shall be exerted constantly for bettering the scientific, the moral and material conditions of every Doctor of Medicine in the county; systematic effort shall be made by each member and by the component County Society as a whole to increase the membership until it embraces every eligible Doctor of Medicine in the county.

Sec. 4. The Secretary of each component County Society shall keep a roster of its members and if practicable a list of non-affiliated Doctors of Medicine in the county, and other Doctors of Medicine, such as commissioned officers of the Navy, Army, and Public Health Service, in which shall be shown the full name, the address, the college and date of graduation, the date of license to practice in this State, and such other information as may be deemed necessary.

Sec. 5. Each member of a component County Society, who is in good standing, shall be privileged to attend each meeting and take part in all the proceedings and shall be eligible to any office within the gift of the Society except as otherwise provided.

Sec. 6. In addition to the qualifications specified in their respective Constitution and By-Laws, County Societies shall exact as qualifications for membership and its continued tenure, the acceptance and adherence to the Principles of Medical Ethics of the American Medical Association in accordance with the interpretation thereof by the Judicial Council of the American Medical Association, and such other qualifications as may be provided by this Constitution and By-Laws.

Sec. 7. No member who is under sentence of suspension or expulsion from any component County Society of

this State Society, or whose name has been dropped from its roll of members, shall be entitled to any of the rights or benefits of this State Society.

CHAPTER 3—ARREARS IN DUES

Section 1. Any member in arrears for dues in the amount for one year may regain membership by paying up all back dues. Any member in arrears for more than one year may regain membership by paying all back dues or by being elected again to membership, at the option of the Component County Society.

Sec. 2. For the purpose of determining the dues for new members only, the fiscal year of the Michigan State Medical Society shall be divided into four three-month periods. New members shall pay adjusted annual dues and assessments for the unexpired quarterly periods of that year. Such new members shall not be entitled to membership benefits until their election to membership has been duly reported to the Secretary of the State Society and such benefits shall not cover any period prior to their becoming members in good standing.

CHAPTER 4—TRANSFER OF MEMBERSHIP

Section 1. Transfer of membership from one component County Society to another, occasioned by a change in location, shall be effectuated in the following manner: The member who wishes such transfer shall make application to the County Society which he wishes to join, and tendering payment of dues for the remainder of the current year, calculated to the nearest quarter.

Sec. 2. The Secretary of the component County Society to which application is made shall request certification of standing from the component County Society in which membership is held. Upon receiving such request, The Secretary of the latter society shall supply certification of good standing, provided the following requirements have been met:

- (a) All component County Society dues and assessments shall have been paid for the calendar year previous to the year in which application for transfer is made.
- (b) Full State Society dues and assessments shall have been paid for the year in which application for transfer is made.
- (c) Component County Society dues and assessments shall have been paid to cover that portion of the year in which application for transfer is made, the time being calculated to the nearest quarter.
- (d) The member shall not be under suspension or facing charges of unethical conduct.

Section 3. (a) In case the component County Society dues have been paid in full for the year, and certification of good standing is being issued, the Secretary of that component County Society shall refund component County Society dues represented by the unexpired portion of the year, calculated to the nearest quarter.

(b) Upon receipt of certification of good standing, and favorable action by the component County Society to which application has been made, the transfer of membership shall be in effect.

Sec. 4. Resignation for transfer of membership to another State Society shall be effectuated in the following manner:

Any member in good standing, not facing charges of unethical conduct, whose State and component County Society dues and assessments are not in arrears, and who has moved his principal location to another State, may tender his resignation, which shall be effective at the beginning of the next quarter. Such resignation shall be transmitted to the Secretary of the Michigan State

Medical Society, who shall give the departing member certification of good standing.

Provided the portion of the calendar year following such resignation is not less than one-quarter, the Secretaries of the State and component County Societies shall refund any dues and assessments already paid for the remainder of the year, calculated to the nearest quarter.

CHAPTER 5—MEMBERSHIP AND CLASSIFICATION OF MEMBERSHIP

Section 1. Active Member—Active Members shall comprise all the active members of component County Societies. To be eligible for active membership in any component County Society, a Doctor of Medicine must hold an unrevoked license to practice medicine, surgery and midwifery by authority of the Michigan State Board of Registration in Medicine, and comply with all other provisions of this Constitution and By-Laws.

Sec. 2. Honorary Member—Component County Societies may elect as an Honorary Member any person distinguished for his services or attainments in medicine or the allied sciences, or who has rendered other services of unusual value to organized medicine or the medical profession. Upon recommendation of a component County Society, the House of Delegates may elect such a person as Honorary Member of the State Society. An Honorary Member shall pay no dues to the State Society and shall be without right to vote or hold office in either component County or State Society.

Sec. 3. Associate Member—Component County Societies may elect as an Associate Member:

- (a) Any person not a member of the profession but engaged in scientific or professional pursuits whose principles and ethics are consonant with those of this State Society.
- (b) An intern serving the first year in any approved hospital, an intern of longer standing, a resident physician in training, and a teaching fellow not engaged in private practice, but not after six years from the receipt of first medical degree (M.D. or M.B.); provided his training has not been interrupted by exigencies of War Service or by totally incapacitating illness. Such intern, resident or teaching fellow may become an Associate Member of the Michigan State Medical Society without action of the House of Delegates provided he has been certified to the Michigan State Medical Society through formal application to the Michigan State Medical Society Secretary by his component County Medical Society.
- (c) A Doctor of Medicine, resident of the State of Michigan, for the period of time he is in active Military Service of the United States previous to his engaging in active practice.
- (d) A Doctor of Medicine not engaging in any phase of medical practice.
- (e) A commissioned medical officer of the United States Army, Navy, Public Health Service or physician employed by the Veterans Administration on duty in this State, who is not engaged in private practice of medicine, not to exceed two years.
- (f) An Active Member, by transfer, for the period of time he is temporarily out of active practice on account of protracted illness, provided his dues are paid for the year previous to the onset of illness.
- (g) An Active Member, by transfer, for the period of one year while he is temporarily out of practice on account of postgraduate medical studies, provided his membership dues are paid to the end of the preceding calendar year. This may be renewed upon petition to The Council at its discretion.

Upon recommendation of a component County Society, the House of Delegates may elect such a person as an Associate Member of this State Society. An Associate Member shall not pay dues to this State Society and shall not have the right to vote, nor hold office in either component County or State Society. Component County Societies may require any Associate Member to pay certain local dues, out of which THE JOURNAL of the Michigan State Medical Society subscription is to be paid to the State Society for which each such Associate Member shall receive THE JOURNAL of the Michigan State Medical Society.

Sec. 4. Retired Member—A member who has maintained membership in a component County Society of this State Society for a period of ten or more years, and having retired from practice, may be transferred to the retired member's roster, provided his membership dues are paid to the end of the preceding calendar year. He shall be entitled to receive THE JOURNAL of the Michigan State Medical Society at such rates as The Council may determine. He shall have the right to vote and hold office.

Sec. 5. Non-Resident Member—Component County Societies may elect as a Non-Resident Member any Doctor of Medicine residing and practicing outside of The County who is a member in good standing of his own component County Society. A Non-Resident Member shall not have the right to vote or hold office.

Sec. 6. Life Member—A Doctor of Medicine who has attained the age of seventy years or has been in practice fifty years and has maintained an active membership in good standing for twenty-five years in any constituent state society with dues paid for the previous calendar year may, upon his application, and recommendation of his component County Society, be transferred to the Life Members' Roster. He shall have the right to vote and hold office but shall pay no dues to the State Society. Requests for such transfer shall be accompanied by certification of the Secretary of the State Society as to years of membership in good standing. He shall be entitled to receive THE JOURNAL of the Michigan State Medical Society at such rates as The Council may determine.

Sec. 7. Military Members. Any active member in good standing who serves on active duty in the military forces of the United States during a war or similar national emergency may be transferred to the Military Membership roster for the period of time he is in Service. A Military Member shall not be required to pay state dues and assessments during the period of his Service and for the balance of the year in which he is separated from Military Service provided that this remission of postservice dues and assessments shall not be less than six months, or during the years he may be totally disabled immediately following such duty.

Sec. 8. For Retired, or Life Membership, the Component County Society of such members shall make request for certification, in writing, to the Secretary of the State Society thirty days in advance of an Annual Session of The House of Delegates. Requests for transfer shall be accompanied by certification of the Secretary of the State Society, as to years of practice and years of membership in good standing. Transfers shall be by election in the House of Delegates.

Sec. 9. Any change in membership status shall be effected by resolution presented in triplicate before the annual session of the House of Delegates after previous certification by the secretaries of the county and state societies.

CHAPTER 6—DISCIPLINE OF MEMBERSHIP

Section 1. A component County Society may expel, suspend or otherwise discipline any of its members in accordance with the provisions of its constitution and by-laws; provided, however, that any member against whom such action is proposed shall be accorded the benefit of the following procedures:

Sec. 2. Efforts at conciliation and adjustment of differences shall precede formal complaint against a member sought to be disciplined.

Sec. 3. Petition for expulsion, suspension or other discipline of a member shall be in writing, signed by the majority of the Ethics Committee of his component County Society or by not less than 10 per cent of the members of the Society, and shall set forth with reasonable particularity the matters complained of.

Sec. 4. A copy of the petition, together with notice of the time and place of hearing shall be served on the affected member not less than 30 days prior to the date of hearing. This notice is to be sent by registered mail, return receipt requested.

Sec. 5. The affected member may file with his component County Society, or a suitable committee thereof, a written answer within fifteen days after service upon him of a copy of such petition. He shall be accorded a fair hearing of the matters complained of before the Ethics Committee of his component County Society and afforded an opportunity to present his defense, either in person or by counsel.

Sec. 6. In the event that a hearing shall have been had before an appropriate committee of a component County Society as provided in Section 5, Chapter 6 of these By-Laws, such committee promptly after the conclusion of said hearing shall make a report in writing to the component County Society, setting forth its finding of facts, conclusions and reasons therefor, as well as its recommendations for an appropriate order to be made by the component County Society in relation to the matter heard by such committee.

Sec. 7. A stenographic record shall be made of the proceedings at the hearing, and in case an appeal is taken by such member, a transcript thereof shall be prepared at the expense of the component County Society for transmittal, if required, to the State Society. In such case, a copy of the transcript shall be furnished to the appellant as soon as may be.

Sec. 8. Any order of a component County Society for expulsion, suspension or other discipline of a member shall be in writing, and shall set forth findings of fact, conclusions and reasons therefor. A copy of such order shall be served on the affected member as soon as may be.

Sec. 9. The Ethics Committee may reprimand or counsel a member; however, discipline must be meted out by the Society as a whole or its Council. A two-thirds vote of the members present of the component County Society or its Council, due notice having been given, is necessary for expulsion or suspension of a member.

Sec. 10. The affected member shall have an opportunity to avail himself of his rights of further appeal according to the following procedure: Appeal to The Council of this State Medical Society; appeal to the House of Delegates of this State Medical Society; and final appeal to the Judicial Council of the American Medical Association. A member deeming himself aggrieved by an order of expulsion, suspension or other discipline made by a component County Society Council may appeal to his component County Society.

Sec. 11. Notice of appeal to The Council of the Michigan State Medical Society shall be in writing and set forth the specific reasons for such appeal. The notice shall be filed with said Council and a copy thereof served on the member's component County Society. Unless such appeal is taken within 30 days after service by registered mail, return receipt requested, of the copy of the order of discipline on the affected member, such order shall be final and effective. As soon as practicable after receiving copy of notice of appeal, the component County Society shall forward to The Council of the Michigan State Medical Society a complete record of the case, which record shall consist of the petition, answer, testimony, order

appealed from, and all other pertinent writings and exhibits. The Council shall thereon transmit such record together with the notice of appeal to the Committee on Ethics of this State Society for review. The Committee on Ethics shall promptly review the record and may request the component County Society or the affected member to furnish each further proof in writing as the Committee deems necessary for the proper and full review of the matter. Written arguments may be filed by the component County Society and the affected member within such time as may be designated by the Committee on Ethics. The Committee on Ethics shall make its findings and recommendations in writing and report the same to The Council of the Michigan State Medical Society. The Council shall thereupon, after careful hearing, orally and/or in writing, and consideration of facts and exhibits, affirm, reverse or modify the order appealed from by written decision, a copy whereof shall be served on the component County Society and the affected member. Unless, within 60 days of the service upon him and his component County Society by registered mail of copy of such decision, the member or the component County Society takes a final appeal to the Judicial Council of the American Medical Association, the decision of The Council of the Michigan State Medical Society shall be final and effective.

Sec. 12. A member of a component County Society whose license to practice medicine in this State has been revoked shall be dropped from membership automatically as of the date of revocation.

CHAPTER 7—GENERAL MEETINGS

Section 1. During each Annual Session the Society shall hold one or more General Meetings. The number and time of these General Meetings shall be determined by The Council of the Michigan State Medical Society. Such General Meetings shall be presided over by the President or in his absence the President-Elect or the Chairman of The Council. One such meeting shall be called "Officers Night." At this meeting called "Officers Night," the report of the House of Delegates shall be rendered.

Sec. 2. The following shall be the items of business:

1. Call to Order.
2. Announcements and reports of the House of Delegates.
3. Retiring President's annual address.
4. Induction into office of incoming President.
5. Introduction of newly elected officers and elected representatives.
6. Special addresses.
7. Resolutions and motions.

Sec. 3. Each registered member at an Annual Session shall have an equal right to participate in the deliberations of a General Meeting and each Active Member, and Life Member so registered shall have the right to vote on pending questions before the General Meeting.

Sec. 4. At any General Session or at any Section Meeting of this State Society, there may be recommended to the House of Delegates or to The Council the appointment of committees or commissions for scientific investigation of special interest and importance to the profession and the public. Such investigations and reports shall not become official action or expression of this State Society until approved by the House of Delegates or The Council.

CHAPTER 8—HOUSE OF DELEGATES

Section 1. Composition—The House of Delegates shall be composed of Members elected by the Com-

ponent County Societies. Reports having been properly filed with the Secretary of this Society, each component County Society shall be entitled to send to the House of Delegates each year one delegate for each fifty voting members, active, life and retired, and one delegate for each additional major fraction thereof. Any component County Society having less than fifty members shall be entitled to send one delegate.

Sec. 2. Officers of this State Society and members of The Council shall be ex-officio members of The House of Delegates, and, with the exception of the Speaker and Vice Speaker of The House of Delegates, shall be without power to vote in The House of Delegates. The Past President shall be a member at large of The House of Delegates during the first year of Past-Presidency with right to vote and hold office. All other Past-Presidents shall have the privilege of the floor, without the right to vote.

Sec. 3. The House of Delegates shall transact all of the business of this State Society not otherwise specifically provided for; it shall adopt rules and regulations for its own government and for the administration of the affairs of The Society; it shall provide for the organization of Councilor Districts.

Section 4. The House of Delegates shall meet annually at the time and place of the meeting of this State Society as a whole, as when it meets in General Session, and may hold such number of meetings as the House may determine or its business require, recessing from day to day as may be necessary to complete its business and specifying its own time for the holding of its meetings. The House of Delegates may also be called into session at any time by the Speaker upon a two-thirds vote of The Council, or on petition of twenty-five per cent of the delegates. The purpose of such special sessions shall be stated in the notice to call.

Sec. 5. A Delegate must have been a qualified member of this State Society for at least two years preceding election.

Sec. 6. A Delegate once seated shall remain a Delegate throughout the entire session and for one year thereafter until the next Session of this House of Delegates, and his place shall not be taken by any other Delegate or Alternate, provided that in case of emergency the House of Delegates may seat a duly accredited Alternate from his component County Society. Any Delegate-Elect not present to be seated at the hour of call of the first meeting may be replaced by the accredited Alternate next on the list as certified by the Secretary of the component County Society involved.

Sec. 7. The Secretary of component County Societies shall certify to the Secretary of this State Society the names of Delegates and Alternates who shall represent them at any Annual or Special Session. Each component County Society shall elect Alternate Delegates in equal number to the number of Delegates and designate their seniority.

Sec. 8. A quorum of the House of Delegates shall be constituted by not less than 40 per cent of the accredited Delegates, providing that a majority of such quorum shall not come from any one component County Society.

Sec. 9. The officers of the House of Delegates shall be a Speaker and Vice Speaker. The Secretary of this State Society, elected by The Council, shall be the Secretary of the House of Delegates. The Speaker and Vice Speaker shall be elected by the House of Delegates at the Annual Session. The Speaker of the House of Delegates shall be a member of The Council and of its Executive Committee with right to vote.

Sec. 10 (a) The House of Delegates is the legislative body of this State Society, and shall have authority to adopt and institute such methods and measures as it

may deem most sufficient for the upbuilding and establishing of the interest of the profession in Michigan.

(b) It shall concern itself with and advise as to the interests of the profession and of the public in those matters of legislation pertaining to medical education, medical registration, medical laws and public health.

(c) It shall be active in the education of the public in regard to medical research and scientific medicine.

(d) Delegates and Alternate Delegates to the American Medical Association shall be elected in accordance with the regulations of that parent organization and as hereinafter provided. They shall hold office for two years.

At each annual election, candidates for Delegates to the House of Delegates of the American Medical Association shall be nominated in number equal to or greater than the number to be elected that year. Election shall be by ballot. The required number of high candidates shall be declared elected.

In case of a tie vote of high candidates, the winner, or winners, shall be decided by drawing lots; supervised by the Speaker of the House of Delegates; provided, however, that any candidate thus tied shall have the right to a decision by ballot if he requests same.

The number of Alternate Delegates shall equal the number of Delegates. They shall be elected in exactly the same manner after all Delegates have been elected.

Alternate Delegates shall have relative seniority according to the respective number of votes received by them, and such seniority shall be designated at the time of election. Alternate Delegates serving their second year shall hold seniority over those Alternate Delegates serving their first year in office.

Any vacancies caused by failure or inability of any Delegates to attend shall be assigned to Alternate Delegates in order of their seniority as defined in this section.

(e) It shall have the authority to appoint committees, standing or special, from among its members or other doctors not members of the House of Delegates. Such committees will report to the House of Delegates and their members may participate in the debate upon their committees' report, regardless of membership in the House of Delegates.

(f) It shall approve each action and resolution in the name of this State Society before the same shall become effective. Provided, that in the interim, in the presence of necessity for prompt action, The Council or the Executive Committee of The Council is empowered to act on behalf of this State Society.

(g) It shall elect the Councilors upon the nomination of the Delegates of the Councilor District whose Councilor's term expires, as hereinafter provided.

Component county societies of Councilor Districts shall be notified in writing by the Secretary of the State Society 60 days in advance of the annual session when a Councilor is to be elected from their District at the expiration of the usual term.

If a vacancy in The Council occurs during an annual session of the Michigan State Medical Society the delegates of the component county societies will be given time in which to conduct a caucus in order to consider nomination(s) for the vacancy.

(h) The House of Delegates shall provide for the division of the scientific work of the Society into appropriate sections adding new and discontinuing old sections. It shall prescribe the rules governing the meetings of these sections and the election of officers.

(i) It shall present a summary of its proceedings at a General Meeting of the Society and publish its minutes in THE JOURNAL of the Michigan State Medical Society.

(j) It may have the following reference committees, together with Tellers and Sergeant-at-Arms, appointed by the Speaker of the House and approved by the House of Delegates, and such other reference committees as may be necessary from time to time:

1. Credentials.
2. Reports of Council.
3. Reports of Officers.
4. Reports of Standing Committees.
5. Reports of Special Committees.
6. Constitution and By-Laws.
7. Resolutions.
8. Rules and Order of Business.
9. Legislation and Public Relations.
10. Hygiene and Public Health.
11. Executive Session.
12. Medical Service and Prepayment Insurance.
13. Emergency Medical Service.
14. Miscellaneous Business:

Tellers

Sergeant-at-Arms

(k) No new business shall be introduced in the last meeting of the House of Delegates without unanimous consent of the Delegates except when presented by The Council. All new business so presented shall require three-fourths affirmative vote for adoption.

(l) Election of officers shall be held at the last meeting of the House of Delegates at the Annual Session. Each nomination shall be made from the floor of the House. In the event of having only one nominee, the candidate may be elected by a viva voce vote. Members elected to office shall take office with the induction of the Incoming President, as provided in this Constitution and By-Laws.

(m) Each resolution introduced into the House of Delegates shall be in writing and presented in triplicate to the Secretary, immediately after the Delegate has read the same, and shall be referred to the proper reference committee by the Speaker before action thereon is taken.

(n) Robert's Rules of Order, when not in conflict with this Constitution and By-Laws, shall govern the parliamentary proceedings of the House of Delegates.

CHAPTER 9—THE COUNCIL

Section 1. The Council is the Executive Body of this State Society. It shall determine its own time and place of meeting. It shall hold an Annual Meeting at which time it shall elect to serve for one year its Chairman, Vice Chairman, a Secretary, Chairman of the Finance Committee, Chairman of the County Societies Committee, and Chairman of the Publication Committee; these with the President, the President-Elect, and the Speaker of the House of Delegates shall constitute the Executive Committee of The Council.

Sec. 2. Each Councilor shall be the organizer, peace maker and censor for his District. He shall visit each component County Society in his District at least once a year and keep in touch with the activities of the societies constituting his District. He shall make such reports at the Chairman of The Council shall request concerning the condition of the profession in that District.

Sec. 3. Upon written complaint of at least half of the Delegates of the Councilor District involved, presented to the House of Delegates, in regular or special session stating that the Councilor of said District has been remiss in his duties as prescribed above, and has been notified a month previously of this proposed action, the Speaker of the House shall bring the matter before the House of Delegates for consideration. On two-thirds vote of the House of Delegates this office shall be declared vacant and a successor elected.

Sec. 4. It shall make careful inquiry into the condition of the profession in each county in the State, and shall have authority to adopt such methods as may be

deemed most efficient for building up and increasing the interest in such component County Societies as already exist. It shall especially and systematically endeavor to promote friendly intercourse between Doctors of Medicine in the same locality. It shall make every effort to bring each reputable Doctor of Medicine in the State under the Society's influence.

Sec. 5. It shall, upon application, provide and issue charters to component County Societies organized in conformity with this Constitution and By-Laws. It shall revoke such charters when deemed necessary, as provided in this Constitution and By-Laws.

Sec. 6. The Council shall direct and control the publication of THE JOURNAL of the Michigan State Medical Society.

Sec. 7. The Council shall elect an Editor of THE JOURNAL of the Michigan State Medical Society, and a Treasurer at its annual meeting. They shall take office immediately and serve for a term of one year, or until their successors are elected and have taken office.

Sec. 8. The funds of the Society shall be disbursed only by order or action of The Council. This authority may be delegated to the Executive Committee of The Council by The Council.

Sec. 9. Funds of the Society for investment shall be delivered to the custody of the Treasurer by the Secretary.

Sec. 10. The Council shall provide such headquarters for The Society as may be required to conduct its business properly.

Sec. 11. The Council shall render an Annual Report to the House of Delegates.

Sec. 12. The following County Societies shall constitute the Councilor Districts of the State. Wayne County shall constitute four Councilor Districts without permanent set boundaries within that County.

First District—Wayne

Second District—Clinton, Eaton, Hillsdale, Ingham, Jackson

Third District—Branch, Calhoun, St. Joseph

Fourth District—Allegan, Berrien, Cass, Kalamazoo, Van Buren

Fifth District—Barry, Ionia-Montcalm, Kent, Ottawa

Sixth District—Genesee, Shiawassee

Seventh District—Huron, Sanilac, Lapeer, St. Clair

Eighth District—Gratiot-Isabella-Clare, Midland, Saginaw, Tuscola

Ninth District—Grand Traverse-Leelanau-Benzie, Manistee, Northern Michigan (Antrim, Charlevoix, Cheboygan and Emmet, combined), Wexford-Missaukee

Tenth District—Alpena-Alcona-Presque Isle, Bay-Arenac-Iosco, North Central Counties (Otsego, Montmorency, Crawford, Oscoda, Roscommon, Ogemaw, Gladwin and Kalkaska, combined).

Eleventh District—Mason, Mecosta-Osceola-Lake, Muskegon, Newaygo, Oceana

Twelfth District—Chippewa-Mackinac, Delta-Schoolcraft, Luce, Marquette-Alger.

Thirteenth District—Dickinson-Iron, Gogebic, Houghton-Baraga-Keweenaw, Menominee, Ontonagon.

Fourteenth District—Lenawee, Livingston, Monroe, Wash-tenaw

Fifteenth District—Macomb, Oakland

Sixteenth District—Wayne

Seventeenth District—Wayne

Eighteenth District—Wayne

CHAPTER 10—STANDING COMMITTEES

Section 1. The following Standing Committees shall be appointed by the President with the advice of The Council:

(a) Committee on Postgraduate Medical Education

(b) Committee on Preventive Medicine and its Sub-Committees

(c) Committee on Public Relations and its Sub-Committees

(d) Committee on Ethics

(e) Committee on Legislation

Sec. 2. The Committee on Postgraduate Medical Education shall consist of a Chairman and twelve members, four of whom shall be appointed each year to serve for a three-year term.

The duty of this committee shall be to supervise for the Michigan State Medical Society all postgraduate medical training in the State and, with the approval of the Executive Committee of The Council, make any changes, additions or discontinuances of present programs and initiate such new programs as they deem advisable.

Sec. 3. Committee on Preventive Medicine shall consist of its Chairman, the State Health Commissioner, and Chairmen of the following committees:

Committee on Rheumatic Fever Control

Committee on Cancer Control

Committee on Maternal Health

Committee on Venereal Disease Control

Committee on Tuberculosis Control

Committee on Industrial Health

Committee on Mental Health

Committee on Child Welfare

Committee on Geriatrics.

Committee on Postgraduate Medical Education

Such other committees as may, from time to time, be appointed to study and develop programs dealing with specific diseases.

The duty of this committee shall be to collect, analyze and distribute information on preventive medicine, and to advise medical and other groups or individuals concerning problems in preventive medicine and public health.

Sec. 4. The Committee on Public Relations shall be appointed by the President. It shall be the duty of this committee: (a) to integrate and publicize all approved plans and projects emanating from The Council, the Executive Committee, and other Standing and Special Committees of the Michigan State Medical Society; (b) to consider all plans and projects, and make suggestions and recommendations for improving or changing such plans for integration and publicizing; (c) to develop further plans for better physician-public contacts. The President shall appoint such Sub-Committees of this committee as are required in the execution of its work.

Sec. 5. The Committee on Ethics shall consist of eight members appointed by the President with the advice of The Council, each member to serve for a four-year term, so staggered that two members are selected annually. In case a vacancy occurs before the expiration of a member's term, the President shall appoint a successor to serve the unexpired portion of the term.

The Committee shall render advisory opinions on questions of ethics submitted to it by The Council.

On request of The Council it shall conduct an investigation, under rules approved by The Council, concerning the ethical conduct of a designated member of this State Society and report its findings to The Council in accordance with these By-Laws.

Sec. 6. The Committee on Legislation shall consist of a Chairman, the President-Elect of this State Medical Society and the Chairman of The Council of this State

Medical Society and members to be appointed by the President.

The Committee on Legislation shall utilize every organized influence of the profession for the promoting of such legislation as will be for the best interests of the public's health and that of scientific medicine. It shall work under the direction of the House of Delegates or The Council when the House of Delegates is not in session. No bill or proposed law or amendment shall be delivered to any member of The Michigan State Legislature for introduction in the name of this State Society or by any of its committees until such proposed legislation shall have been endorsed and approved by The Council. (Provided this latter authority may be delegated to the Executive Committee of The Council by The Council.)

It shall submit an annual report with recommendations to The House of Delegates.

CHAPTER 11—OFFICERS

Section 1. Officers shall be installed at the General Meeting at which the reports of the House of Delegates are received. They shall serve until the next Annual Session, provided that Councilors shall serve for five years, and provided further that not more than four Councilor terms shall expire normally at any Annual Session; provided further that Delegates to the American Medical Association shall serve for two years; provided further that not more than three Delegates to the American Medical Association shall be elected in any one year.

Sec. 2. Officers shall serve until their successors are elected and inducted into office.

Sec. 3. At the Annual Session of this State Society, next following his election, The President-Elect shall be installed into and assume the office of the President. He shall serve until his successor takes office. The assumption of office shall occur in a General Session of the Society as a whole, at which the report of the House of Delegates is received. If no General Meeting is held at the Annual Session, the induction into office of the Incoming President and the newly elected officers and representative officials shall be in the last meeting of the Annual Session of the House of Delegates.

Sec. 4. The President shall preside at the General Meeting of the Society at which the reports of the House of Delegates are received, and shall fill vacancies in office and committees with the advice of The Council, unless otherwise provided for; he shall appoint the members of each committee not otherwise provided for; he shall deliver the President's address; he shall have a voice in the deliberations of the House of Delegates and he shall be an ex-officio member of The Council with the right to vote.

Sec. 5. The President-Elect shall be a member of The Council and the Executive Committee of The Council ex officio, and shall have the right to vote, and shall act for the President in his absence or disability. If the office of President shall become vacant, the President-Elect shall succeed to the presidency. If the office of President shall again become vacant, The Council, at a Special Session, shall elect a President for the unexpired term.

Sec. 6. The Treasurer shall be the custodian of all the invested funds and the securities of the Society. He shall be accountable through The Council to the Society. The Council shall cause an annual audit of his accounts to be made. He shall be bonded in amount considered sufficient by The Council, the bond to be paid from the funds of the Michigan State Medical Society.

Sec. 7. The Secretary shall be an active member of the Michigan State Medical Society and shall be paid a salary to be determined by The Council. He shall be the recording officer of the House of Delegates, The

Council, Scientific Assembly and Annual Session. He shall be bonded in amount considered sufficient by The Council, the bond to be paid from the funds of the Michigan State Medical Society. He shall also discharge the following duties:

(a) Collect all annual membership dues, assessments, donations and such other monies as may be due to the Society; keep membership records and issue membership certificates.

(b) He shall make all required reports to the American Medical Association. He shall make a report of the proceedings of the House of Delegates to the Annual Meeting of this State Society.

(c) He shall deposit all funds received in an approved depository and disburse them upon order of The Council. The Council may delegate the authority for disbursing funds to the Executive Committee of The Council. The Council shall cause an annual audit of his accounts by a certified public accountant. He shall render a report to The Council reviewing the Society's activities and imparting recommendations for the advancement of the Society's interests at each meeting of The Council.

(d) Under the direction of The Council and with the advice of the Editor, he shall be the business manager of THE JOURNAL OF THE MICHIGAN STATE MEDICAL SOCIETY.

(e) He shall superintend all arrangements for the holding of each meeting in compliance with the Constitution and By-Laws and instructions of The Council or its Executive Committee.

(f) He shall send out all official notices of meetings, committee appointments, certificates of election to office and special duties of committees.

(g) He shall receive and transmit to the House of Delegates and to The Council each committee and officer's annual report.

(h) He shall institute and correlate each new activity under the supervision of The Council or its Executive Committee, and shall work on component County Society integration and furnish information to the public concerning health matters as directed by the President and The Council.

Sec. 8. There shall be an Executive Director, not necessarily a Doctor of Medicine or a member of the Michigan State Medical Society, who shall be appointed by The Council at its Annual Meeting and shall be remunerated by a salary which shall be fixed by The Council.

The Secretary shall, with the approval of The Council, assign duties to the Executive Director as he deems advisable.

Sec. 9. The Speaker of the House of Delegates shall preside at sessions of the House of Delegates. He shall, with the approval of the President, appoint all committees created by the House of Delegates, unless otherwise provided, and shall perform such duties as custom and parliamentary usage require. He shall be a member of The Council and of its Executive Committee with the power to vote.

Sec. 10. The Vice Speaker shall assume the Speaker's duties in the Speaker's absence in the House of Delegates and such other times as the House of Delegates or The Council shall determine.

CHAPTER 12—REFERENDUM

Section 1. At any General or Special Session of this State Society as a whole, as when it meets in General Session, it may by a two-thirds vote order a general referendum upon any question pertinent to the purposes and objects of the Michigan State Medical Society, organized medicine, or health of the public; provided, however, that a quorum at such General or Special Meet-

ing shall consist of 300 members of the Michigan State Medical Society who are in good standing.

Sec. 2. The House of Delegates, by a majority vote may submit any question pertinent to the community and organized medicine to the membership of the Society for its vote, such vote to be taken by County Societies and certified by their secretaries to the State Society Secretary. Two-thirds of the vote cast shall be required to carry the question.

CHAPTER 13—SEAL

Section 1. The Society shall have a common SEAL. The power to change or renew the seal shall rest with The Council.

CHAPTER 14—EMERGENCY

Section 1. When prompt speech and action are imperative, authority to speak and act in the name of this State Society is vested in The Council or the Executive Committee of The Council of this State Society.

CHAPTER 15—DUES

Section 1. The Secretary of each component County Society shall collect and forward the dues and assessments to the Secretary of the Michigan State Medical Society on or before April first of each year.

Sec. 2. Any member in arrears after April 1 of each official year shall stand suspended until his name is properly recorded and his dues and assessments for the current year properly remitted, unless his name is to be submitted for election to one of the special memberships listed in Chapter 5 at the next succeeding Annual Session of the House of Delegates.

Sec. 3. Any component County Society which fails to make the reports required at least thirty days before the Annual Session of this State Society shall be held suspended and none of its members or Delegates shall be permitted to participate in any of the proceedings of the Society or of the House of Delegates.

CHAPTER 16—ELECTION—COMPONENT COUNTY SOCIETIES

Section 1. At the Annual Meeting of each component County Society or at a designated meeting of which ample notice has been given, each component County Society shall elect Delegates and Alternate Delegates in conformity with the provisions of this Constitution and By-Laws to represent the component County Society in the House of Delegates of this State Society. The Secretary of the component County Society shall immediately send a list of its Delegates and Alternate Delegates to the Secretary of this State Society.

A Delegate, or in his absence, the Alternate Delegate, becomes a member of the House of Delegates when properly registered and seated at the Annual or Special Session following his election by the component County Society.

CHAPTER 17—DEFINITION OF SESSION AND MEETING

Section 1. A session shall mean all meetings at any one call.

Sec. 2. A meeting shall mean each separate convention at any one session.

CHAPTER 18—AMENDMENTS

Section 1. These By-Laws may be amended by a majority vote of the Delegates seated, after the proposed amendment is laid on the table for one meeting of the House of Delegates. These By-Laws become effective immediately upon adoption.

COUNCILOR DISTRICTS

First District—Wayne

Second District—Clinton, Eaton, Hillsdale, Ingham, Jackson

Third District—Branch, Calhoun, St. Joseph

Fourth District—Allegan, Berrien, Cass, Kalamazoo, Van Buren

Fifth District—Barry, Ionia-Montcalm, Kent, Ottawa

Sixth District—Genesee, Shiawassee

Seventh District—Huron, Sanilac, Lapeer, St. Clair

Eighth District—Gratiot-Isabella-Clare, Midland, Saginaw, Tuscola

Ninth District—Grand Traverse-Leelanau-Benzie, Manistee, Northern Michigan (Antrim, Charlevoix, Cheboygan and Emmet, combined), Wexford-Missaukee.

Tenth District—Alpena-Alcona-Presque Isle, Bay Arenac-Iosco, North Central Counties (Otsego, Montmorency, Crawford, Oscoda, Roscommon, Ogemaw, Gladwin and Kalkaska, combined)

Eleventh District—Mason, Mecosta-Osceola-Lake, Muskegon, Newaygo, Oceana

Twelfth District—Chippewa-Mackinac, Delta-Schoolcraft, Luce, Marquette-Alger

Thirteenth District—Dickinson-Iron, Gogebic, Houghton-Baraga-Keweenaw, Menominee, Ontonagon

Fourteenth District—Lenawee, Livingston, Monroe, Washtenaw

Fifteenth District—Macomb, Oakland

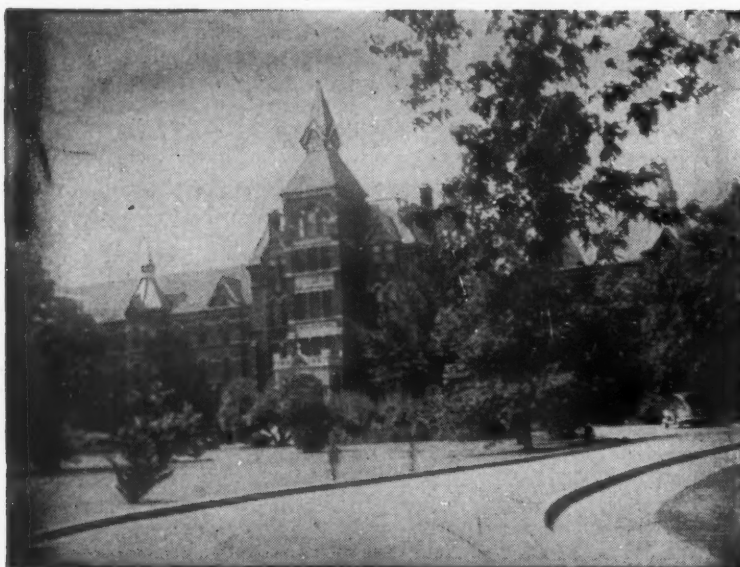
Sixteenth District—Wayne

Seventeenth District—Wayne

Eighteenth District—Wayne

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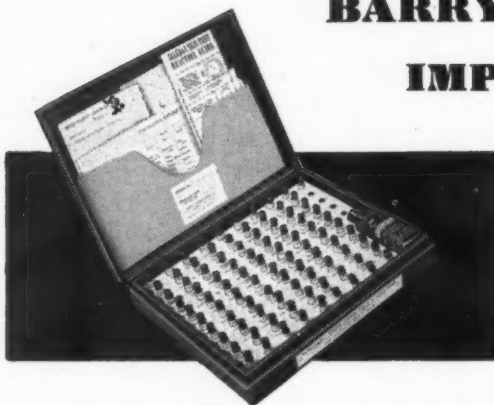
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